

Expression and subcellular localization of human AP en basis for its role in human disease

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Nuclear localization of human AP endonuclease 1 (HAP1/Ref-1) associates with prognosis in early operable non-small cell lung cancer (NSCLC). , 1999, 189, 351-357.		46
2	TSH controls Ref-1 nuclear translocation in thyroid cells. <i>Journal of Molecular Endocrinology</i> , 2000, 24, 383-390.	1.1	59
3	Going APE over ref-1. <i>Mutation Research DNA Repair</i> , 2000, 461, 83-108.	3.8	484
4	Human APE/Ref-1 protein. <i>International Journal of Biochemistry and Cell Biology</i> , 2000, 32, 925-929.	1.2	68
5	Mitochondrial localization of APE/Ref-1 in thyroid cells. <i>Mutation Research DNA Repair</i> , 2001, 485, 143-152.	3.8	75
6	The major human abasic endonuclease: formation, consequences and repair of abasic lesions in DNA. <i>Mutation Research DNA Repair</i> , 2001, 485, 283-307.	3.8	349
7	Ape1/Ref-1 expression and cellular localization in human thyroid carcinoma cell lines. <i>Journal of Endocrinological Investigation</i> , 2001, 24, RC10-RC12.	1.8	26
8	Nuclear expression of human apurinic/apyrimidinic endonuclease (HAP1/Ref-1) in head-and-neck cancer is associated with resistance to chemoradiotherapy and poor outcome. <i>International Journal of Radiation Oncology Biology Physics</i> , 2001, 50, 27-36.	0.4	104
9	Amino acid substitution variants of APE1 and XRCC1 genes associated with ionizing radiation sensitivity. <i>Carcinogenesis</i> , 2001, 22, 917-922.	1.3	280
10	Highly efficient base excision repair (BER) in human and rat male germ cells. <i>Nucleic Acids Research</i> , 2001, 29, 1781-1790.	6.5	72
11	AP Endonucleases and the Many Functions of Ref-1. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2001, 25, 664-667.	1.4	28
12	Redox factor-1: an extra-nuclear role in the regulation of endothelial oxidative stress and apoptosis. <i>Cell Death and Differentiation</i> , 2002, 9, 717-725.	5.0	121
13	Redox factor-1/APE suppresses oxidative stress by inhibiting activity of the rac1 GTPase. <i>FASEB Journal</i> , 2002, 16, 889-890.	0.2	87
14	APE/Ref-1 is increased in nuclear fractions of human thyroid hyperfunctioning nodules. <i>Molecular and Cellular Endocrinology</i> , 2002, 194, 71-76.	1.6	6
15	H2O2 induces translocation of APE/Ref-1 to mitochondria in the Raji B-cell line. <i>Journal of Cellular Physiology</i> , 2002, 193, 180-186.	2.0	94
16	Hypoxia-inducible factor (HIF1A and HIF2A), angiogenesis, and chemoradiotherapy outcome of squamous cell head-and-neck cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2002, 53, 1192-1202.	0.4	311
17	APE/Ref-1 and the mammalian response to genotoxic stress. <i>Toxicology</i> , 2003, 193, 67-78.	2.0	82
18	The base excision repair: mechanisms and its relevance for cancer susceptibility. <i>Biochimie</i> , 2003, 85, 1053-1071.	1.3	184

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19	CD40 Stimulation Induces Pax5/BSAP and EBF Activation through a APE/Ref-1-dependent Redox Mechanism. <i>Journal of Biological Chemistry</i> , 2004, 279, 1777-1786.	1.6	41
20	Apurinic/Apyrimidinic Endonuclease (APE/REF-1) Haploinsufficient Mice Display Tissue-specific Differences in DNA Polymerase β -Dependent Base Excision Repair. <i>Journal of Biological Chemistry</i> , 2004, 279, 18425-18433.	1.6	40
21	Altered AP-1/Ref-1 redox pathway and reduced proliferative response in iNOS-deficient vascular smooth muscle cells. <i>Vascular Medicine</i> , 2004, 9, 177-183.	0.8	14
22	<i>Helicobacter pylori</i> and H ₂ O ₂ increase AP endonuclease-1/redox factor-1 expression in human gastric epithelial cells. <i>Gastroenterology</i> , 2004, 127, 845-858.	0.6	82
23	Overexpression of redox factor-1 negatively regulates NO synthesis and apoptosis in LPS-stimulated RAW 264.7 macrophages. <i>FEBS Letters</i> , 2004, 556, 39-42.	1.3	13
24	Genotoxic effects in a population of nurses handling antineoplastic drugs, and relationship with genetic polymorphisms in DNA repair enzymes. <i>American Journal of Industrial Medicine</i> , 2005, 48, 128-136.	1.0	56
25	Analysis of nuclear transport signals in the human apurinic/aprimidinic endonuclease (APE1/Ref1). <i>Nucleic Acids Research</i> , 2005, 33, 3303-3312.	6.5	82
26	The Intracellular Localization of APE1/Ref-1: More than a Passive Phenomenon?. <i>Antioxidants and Redox Signaling</i> , 2005, 7, 367-384.	2.5	344
27	Reactive Species-Mediated Regulation of Cell Signaling and the Cell Cycle: The Role of MAPK. <i>Antioxidants and Redox Signaling</i> , 2005, 7, 726-740.	2.5	56
28	Tissue Biology of Apoptosis: Ref-1 and Cell Differentiation in the Developing Retina. <i>Annals of the New York Academy of Sciences</i> , 2000, 926, 64-78.	1.8	8
29	Role of redox factor-1 in hyperhomocysteinemia-accelerated atherosclerosis. <i>Free Radical Biology and Medicine</i> , 2006, 41, 1566-1577.	1.3	54
30	Nitric oxide controls nuclear export of APE1/Ref-1 through S-nitrosation of Cysteines 93 and 310. <i>Nucleic Acids Research</i> , 2007, 35, 2522-2532.	6.5	97
31	DNA repair, mitochondria, and neurodegeneration. <i>Neuroscience</i> , 2007, 145, 1318-1329.	1.1	145
32	Targeting base excision repair to improve cancer therapies. <i>Molecular Aspects of Medicine</i> , 2007, 28, 345-374.	2.7	46
33	DNA Base Damage Recognition and Processing. , 2005, , 287-314.		2
34	Multifunctional human apurinic/aprimidinic endonuclease 1: Role of additional functions. <i>Molecular Biology</i> , 2007, 41, 402-416.	0.4	21
35	Intracellular trafficking and regulation of mammalian AP-endonuclease 1 (APE1), an essential DNA repair protein. <i>DNA Repair</i> , 2007, 6, 461-469.	1.3	86
36	Organ and cell specificity of base excision repair mutants in mice. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2007, 614, 56-68.	0.4	35

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37	Expression of Apurinic/Apyrimidinic Endonuclease (APE1) in <i>H. pylori</i> -Associated Gastritis, Gastric Adenoma, and Gastric Cancer. <i>Helicobacter</i> , 2008, 13, 209-218.	1.6	32
38	Redox factor-1 mediates NF- κ B nuclear translocation for LPS-induced iNOS expression in murine macrophage cell line RAW 264.7. <i>Immunology</i> , 2008, 124, 58-67.	2.0	22
39	Mitochondrial DNA damage and repair in neurodegenerative disorders. <i>DNA Repair</i> , 2008, 7, 1110-1120.	1.3	146
40	Regulation of the human AP-endonuclease (APE1/Ref-1) expression by the tumor suppressor p53 in response to DNA damage. <i>Nucleic Acids Research</i> , 2008, 36, 1555-1566.	6.5	96
41	Transcriptional Regulatory Functions of Mammalian AP-Endonuclease (APE1/Ref-1), an Essential Multifunctional Protein. <i>Antioxidants and Redox Signaling</i> , 2009, 11, 621-637.	2.5	223
42	HIF-1 attenuates Ref-1 expression in endothelial cells: Reversal by siRNA and inhibition of geranylgeranylation. <i>Vascular Pharmacology</i> , 2009, 51, 133-139.	1.0	20
43	Going Ape as an Approach to Cancer Therapeutics. <i>Antioxidants and Redox Signaling</i> , 2009, 11, 651-667.	2.5	100
44	The Many Functions of APE1/Ref-1: Not Only a DNA Repair Enzyme. <i>Antioxidants and Redox Signaling</i> , 2009, 11, 601-619.	2.5	424
45	Understanding different functions of mammalian AP endonuclease (APE1) as a promising tool for cancer treatment. <i>Cellular and Molecular Life Sciences</i> , 2010, 67, 3589-3608.	2.4	108
46	Posttranslational modification of mammalian AP endonuclease (APE1). <i>Cellular and Molecular Life Sciences</i> , 2010, 67, 3609-3620.	2.4	53
47	Subcellular localization of apurinic endonuclease 1 promotes lung tumor aggressiveness via NF- κ B activation. <i>Oncogene</i> , 2010, 29, 4330-4340.	2.6	43
48	Base Excision Repair: Contribution to Tumorigenesis and Target in Anticancer Treatment Paradigms. <i>Current Medicinal Chemistry</i> , 2012, 19, 3922-3936.	1.2	40
49	Blockade of Base Excision Repair. , 2012, , 29-53.		5
50	Prognostic Significance of Human Apurinic/Apyrimidinic Endonuclease (APE/Ref-1) Expression in Rectal Cancer Treated With Preoperative Radiochemotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 82, 130-137.	0.4	8
51	Cytoplasmic Localization and Redox Cysteine Residue of APE1/Ref-1 Are Associated with Its Anti-Inflammatory Activity in Cultured Endothelial Cells. <i>Molecules and Cells</i> , 2013, 36, 439-445.	1.0	21
52	Histone deacetylases inhibitor trichostatin A modulates the extracellular release of APE1/Ref-1. <i>Biochemical and Biophysical Research Communications</i> , 2013, 435, 403-407.	1.0	35
53	Identification of plasma APE1/Ref-1 in lipopolysaccharide-induced endotoxemic rats: Implication of serological biomarker for an endotoxemia. <i>Biochemical and Biophysical Research Communications</i> , 2013, 435, 621-626.	1.0	20
54	Repair of Oxidative DNA Damage and Cancer: Recent Progress in DNA Base Excision Repair. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 708-726.	2.5	125

#	ARTICLE	IF	CITATIONS
55	Expression, Functionality, and Localization of Apurinic/Pyrimidinic Endonucleases in Replicative and Non-replicative Forms of <i>Trypanosoma cruzi</i> . <i>Journal of Cellular Biochemistry</i> , 2014, 115, 397-409.	1.2	16
56	Expression and Prognostic Significance of APE1/Ref-1 and NPM1 Proteins in High-Grade Ovarian Serous Cancer. <i>American Journal of Clinical Pathology</i> , 2014, 141, 404-414.	0.4	36
57	DNA Repair and Redox Activities and Inhibitors of Apurinic/Pyrimidinic Endonuclease 1/Redox Effector Factor 1 (APE1/Ref-1): A Comparative Analysis and Their Scope and Limitations toward Anticancer Drug Development. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 10241-10256.	2.9	35
58	The current state of eukaryotic DNA base damage and repair. <i>Nucleic Acids Research</i> , 2015, 43, gkv1136.	6.5	167
59	Dynamic Regulation of APE1/Ref-1 as a Therapeutic Target Protein. <i>Chonnam Medical Journal</i> , 2016, 52, 75.	0.5	40
60	Unilateral ureteral obstruction induces DNA repair by APE1. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 310, F763-F776.	1.3	4
61	Polyubiquitination of apurinic/aprimidinic endonuclease 1 by Parkin. <i>Molecular Carcinogenesis</i> , 2017, 56, 325-336.	1.3	21
62	APEX1 Expression as a Potential Diagnostic Biomarker of Clear Cell Renal Cell Carcinoma and Hepatobiliary Carcinomas. <i>Journal of Clinical Medicine</i> , 2019, 8, 1151.	1.0	12
63	Further in vivo evidence implying DNA apurinic/aprimidinic endonuclease activity in <i>Trypanosoma cruzi</i> oxidative stress survival. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 16733-16740.	1.2	1
64	Additional functions of selected proteins involved in DNA repair. <i>Free Radical Biology and Medicine</i> , 2020, 146, 1-15.	1.3	11
65	The Biological Role of Apurinic/Pyrimidinic Endonuclease1/Redox Factor-1 as a Therapeutic Target for Vascular Inflammation and as a Serologic Biomarker. <i>Biomedicines</i> , 2020, 8, 57.	1.4	21
66	APE1 and SSRP1 is overexpressed in muscle invasive bladder cancer and associated with poor survival. <i>Heliyon</i> , 2021, 7, e06756.	1.4	11
67	DNA Repair and Mutagenesis in Vertebrate Mitochondria: Evidence for Asymmetric DNA Strand Inheritance. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1241, 77-100.	0.8	8
68	Redox Factor-1 Mediates Inflammatory Response during Tumor Promotion in Skin Epidermal JB6 Cells. <i>Open Journal of Apoptosis</i> , 2012, 01, 19-24.	1.5	1
69	Adenoviral-Mediated Ref-1 Overexpression Potentiates NO Production in Bradykinin-Stimulated Endothelial Cells. <i>Journal of Life Science</i> , 2007, 17, 905-909.	0.2	1
70	Effect of Overexpressed Ref-1 on AKT Phosphorylation for NO Production in Mouse Aortic Endothelial Cell Line. <i>Journal of Life Science</i> , 2008, 18, 1651-1656.	0.2	0
73	Elevated APE1/Ref-1 Levels of Synovial Fluids in Patients with Rheumatoid Arthritis: Reflection of Disease Activity. <i>Journal of Clinical Medicine</i> , 2021, 10, 5324.	1.0	1
74	A seven-autophagy-related gene signature for predicting the prognosis of differentiated thyroid carcinoma. <i>World Journal of Surgical Oncology</i> , 2022, 20, 129.	0.8	4

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