

Expression and subcellular localization of human AP enzyme 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. Journal of Molecular Endocrinology, 2000, 24, 383-390.	2.5	59
3	Going APE over ref-1. Mutation Research DNA Repair, 2000, 461, 83-108.	3.7	484
4	Human APE/Ref-1 protein. International Journal of Biochemistry and Cell Biology, 2000, 32, 925-929.	2.8	68
5	Mitochondrial localization of APE/Ref-1 in thyroid cells. Mutation Research DNA Repair, 2001, 485, 143-152.	3.7	75
6	The major human abasic endonuclease: formation, consequences and repair of abasic lesions in DNA. Mutation Research DNA Repair, 2001, 485, 283-307.	3.7	349
7	Ape1/Ref-1 expression and cellular localization in human thyroid carcinoma cell lines. Journal of Endocrinological Investigation, 2001, 24, RC10-RC12.	3.3	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. International Journal of Radiation Oncology Biology Physics, 2001, 50, 27-36.	0.8	104
9	Amino acid substitution variants of APE1 and XRCC1 genes associated with ionizing radiation sensitivity. Carcinogenesis, 2001, 22, 917-922.	2.8	280
10	Highly efficient base excision repair (BER) in human and rat male germ cells. Nucleic Acids Research, 2001, 29, 1781-1790.	14.5	72
11	AP Endonucleases and the Many Functions of Ref-1. American Journal of Respiratory Cell and Molecular Biology, 2001, 25, 664-667.	2.9	28
12	Redox factor-1: an extra-nuclear role in the regulation of endothelial oxidative stress and apoptosis. Cell Death and Differentiation, 2002, 9, 717-725.	11.2	121
13	Redox factor-1/APE suppresses oxidative stress by inhibiting activity of the rac1 GTPase. FASEB Journal, 2002, 16, 889-890.	0.5	87
14	APE/Ref-1 is increased in nuclear fractions of human thyroid hyperfunctioning nodules. Molecular and Cellular Endocrinology, 2002, 194, 71-76.	3.2	6
15	H2O2 induces translocation of APE/Ref-1 to mitochondria in the Raji B-cell line. Journal of Cellular Physiology, 2002, 193, 180-186.	4.1	94
16	Hypoxia-inducible factor (HIF1A and HIF2A), angiogenesis, and chemoradiotherapy outcome of squamous cell head-and-neck cancer. International Journal of Radiation Oncology Biology Physics, 2002, 53, 1192-1202.	0.8	311
17	APE/Ref-1 and the mammalian response to genotoxic stress. Toxicology, 2003, 193, 67-78.	4.2	82
18	The base excision repair: mechanisms and its relevance for cancer susceptibility. Biochimie, 2003, 85, 1053-1071.	2.6	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.	3.4	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.	3.4	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.	1.5	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.	1.3	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.	2.8	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.	2.1	56
25	Analysis of nuclear transport signals in the human apurinic/apyrimidinic endonuclease (APE1/Ref1). <i>Nucleic Acids Research</i> , 2005, 33, 3303-3312.	14.5	82
26	The Intracellular Localization of APE1/Ref-1: More than a Passive Phenomenon?. <i>Antioxidants and Redox Signaling</i> , 2005, 7, 367-384.	5.4	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.	5.4	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.	3.8	8
29	Role of redox factor-1 in hyperhomocysteinemia-accelerated atherosclerosis. <i>Free Radical Biology and Medicine</i> , 2006, 41, 1566-1577.	2.9	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.	14.5	97
31	DNA repair, mitochondria, and neurodegeneration. <i>Neuroscience</i> , 2007, 145, 1318-1329.	2.3	145
32	Targeting base excision repair to improve cancer therapies. <i>Molecular Aspects of Medicine</i> , 2007, 28, 345-374.	6.4	46
33	DNA Base Damage Recognition and Processing. , 2005, , 287-314.		2
34	Multifunctional human apurinic/apyrimidinic endonuclease 1: Role of additional functions. <i>Molecular Biology</i> , 2007, 41, 402-416.	1.3	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.	2.8	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.	1.0	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.	3.5	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.	4.4	22
39	Mitochondrial DNA damage and repair in neurodegenerative disorders. <i>DNA Repair</i> , 2008, 7, 1110-1120.	2.8	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.	14.5	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.	5.4	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.	2.1	20
43	Going Ape as an Approach to Cancer Therapeutics. <i>Antioxidants and Redox Signaling</i> , 2009, 11, 651-667.	5.4	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.	5.4	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.	5.4	108
46	Posttranslational modification of mammalian AP endonuclease (APE1). <i>Cellular and Molecular Life Sciences</i> , 2010, 67, 3609-3620.	5.4	53
47	Subcellular localization of apurinic endonuclease 1 promotes lung tumor aggressiveness via NF- κ B activation. <i>Oncogene</i> , 2010, 29, 4330-4340.	5.9	43
48	Base Excision Repair: Contribution to Tumorigenesis and Target in Anticancer Treatment Paradigms. <i>Current Medicinal Chemistry</i> , 2012, 19, 3922-3936.	2.4	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.	0.8	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.	2.6	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.	2.1	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.	2.1	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.	5.4	125

#	ARTICLE	IF	CITATIONS
55	Expression, Functionality, and Localization of Apurinic/Pyrimidinic Endonucleases in Replicative and Non-Replicative Forms of <i>Trypanosoma cruzi</i> . Journal of Cellular Biochemistry, 2014, 115, 397-409.	2.6	16
56	Expression and Prognostic Significance of APE1/Ref-1 and NPM1 Proteins in High-Grade Ovarian Serous Cancer. American Journal of Clinical Pathology, 2014, 141, 404-414.	0.7	36
57	DNA Repair and Redox Activities and Inhibitors of Apurinic/Apyrimidinic Endonuclease 1/Redox Effector Factor 1 (APE1/Ref-1): A Comparative Analysis and Their Scope and Limitations toward Anticancer Drug Development. Journal of Medicinal Chemistry, 2014, 57, 10241-10256.	6.4	35
58	The current state of eukaryotic DNA base damage and repair. Nucleic Acids Research, 2015, 43, gkv1136.	14.5	167
59	Dynamic Regulation of APE1/Ref-1 as a Therapeutic Target Protein. Chonnam Medical Journal, 2016, 52, 75.	0.9	40
60	Unilateral ureteral obstruction induces DNA repair by APE1. American Journal of Physiology - Renal Physiology, 2016, 310, F763-F776.	2.7	4
61	Polyubiquitination of apurinic/aprimidinic endonuclease 1 by Parkin. Molecular Carcinogenesis, 2017, 56, 325-336.	2.7	21
62	APEX1 Expression as a Potential Diagnostic Biomarker of Clear Cell Renal Cell Carcinoma and Hepatobiliary Carcinomas. Journal of Clinical Medicine, 2019, 8, 1151.	2.4	12
63	Further in vivo evidence implying DNA apurinic/aprimidinic endonuclease activity in <i>Trypanosoma cruzi</i> oxidative stress survival. Journal of Cellular Biochemistry, 2019, 120, 16733-16740.	2.6	1
64	Additional functions of selected proteins involved in DNA repair. Free Radical Biology and Medicine, 2020, 146, 1-15.	2.9	11
65	The Biological Role of Apurinic/Apyrimidinic Endonuclease1/Redox Factor-1 as a Therapeutic Target for Vascular Inflammation and as a Serologic Biomarker. Biomedicines, 2020, 8, 57.	3.2	21
66	APE1 and SSRP1 is overexpressed in muscle invasive bladder cancer and associated with poor survival. Heliyon, 2021, 7, e06756.	3.2	11
67	DNA Repair and Mutagenesis in Vertebrate Mitochondria: Evidence for Asymmetric DNA Strand Inheritance. Advances in Experimental Medicine and Biology, 2020, 1241, 77-100.	1.6	8
68	Redox Factor-1 Mediates Inflammatory Response during Tumor Promotion in Skin Epidermal JB6 Cells. Open Journal of Apoptosis, 2012, 01, 19-24.	1.5	1
69	Adenoviral-Mediated Ref-1 Overexpression Potentiates NO Production in Bradykinin-Stimulated Endothelial Cells. Journal of Life Science, 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. Journal of Life Science, 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. Journal of Clinical Medicine, 2021, 10, 5324.	2.4	1
74	A seven-autophagy-related gene signature for predicting the prognosis of differentiated thyroid carcinoma. World Journal of Surgical Oncology, 2022, 20, 129.	1.9	4

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