

Goat APE1/APEX1 Polyclonal Antibody | anti-APEX1 antibody

Goat anti-APE1/APEX1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61221	Goat	Tested: Human; Expected from sequence similarity: Human, Dog, Pig, Cow	Immunohistochemistry, Western Blot, ELISA

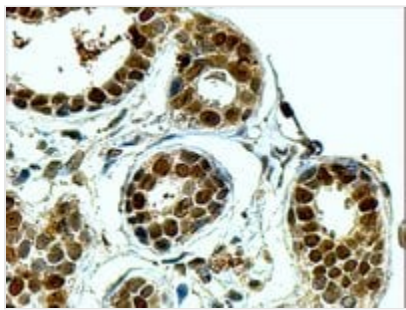
PRODUCT SYNONYMS

APE1/APEX1; Polyclonal Antibody; Goat anti-APE1/APEX1 Antibody; APE1; APEX1; APEX; APEX nuclease (multifunctional DNA repair enzyme); APE; APX; APEN; HAP1; REF1; REF-1; AP lyase; AP endonuclease class I; apurinic/aprimidinic exonuclease; multifunctional DNA repair enzyme; DNA-(apurinic or apyrimidinic site) lyase; a; APE1 antibody; APEX1 antibody; APEX antibody; APEX nuclease (multifunctional DNA repair enzyme) antibody; APE antibody; APX antibody; APEN antibody; HAP1 antibody; REF1 antibody; REF-1 antibody; AP lyase antibody; AP endonuclease class I antibody; apurinic/aprimidinic exonuclease antibody; multifunctional DNA repair enzyme antibody; DNA-(apurinic or apyrimidinic site) lyase antibody; apurinic/aprimidinic (abasic) antibody; APEX nuclease 1 endonuclease antibody; deoxyribonuclease (apurinic or apyrimidinic) antibody; apurinic/aprimidinic (abasic) endonuclease antibody; redox factor 1 antibody; APE1 / APEX1; anti-APEX1 antibody

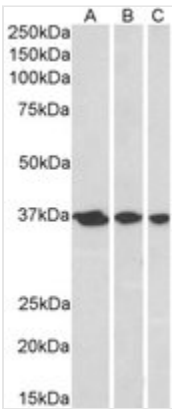
PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human; Expected from sequence similarity: Human, Dog, Pig, Cow
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	PKRGKKGAVA EDGD
Sequence Length	318
Applicable Applications for anti-APEX1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence PKRGKKGAVAEDGD-C, from the N Terminus of the protein sequence according to NP_001632.2.
Epitope	N Terminus
Note	Reported variants represent identical protein (NP_001632.2; NP_542379.1; NP_542380.1).
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



IHC (Immunohiostchemistry)
4ug/ml) staining of paraffin embedded Human Breast. Steamed antigen retrieval with Tris/EDTA buffer pH 9, HRP-staining.



WB (Western Blot)
0.3ug/ml) staining of A431 (A), HeLa (B) and MCF7 (C) nuclear lysates (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	18375501
NCBI GeneID	328
NCBI Accession #	NP_001632.2
NCBI GenBank Nucleotide #	NM_001641.3
Molecular Weight	35,555 Da
NCBI Official Full Name	DNA-(apurinic or apyrimidinic site) lyase
NCBI Official Synonym Full Names	apurinic/apyrimidinic endodeoxyribonuclease 1
NCBI Official Symbol	APEX1
NCBI Official Synonym Symbols	APE; APX; APE1; APEN; APEX; HAP1; REF1
NCBI Protein Information	DNA-(apurinic or apyrimidinic site) lyase
UniProt Protein Name	DNA-(apurinic or apyrimidinic site) lyase
UniProt Gene Name	APEX1
UniProt Synonym Gene Names	APE; APE1; APEX; APX; HAP1; REF1; APEN; AP endonuclease 1; APE-1
UniProt Entry Name	APEX1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.