

Rabbit APEX1 Polyclonal Antibody | anti-APEX1 antibody

APEX1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA167006	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

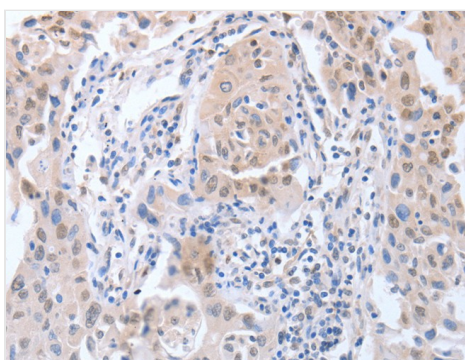
PRODUCT SYNONYMS

APEX1; Polyclonal Antibody; APEX1 Polyclonal Antibody; APE; APX; APE1; APEN; APEX; HAP1; REF1; anti-APEX1 antibody

PRODUCT SPECIFICATIONS

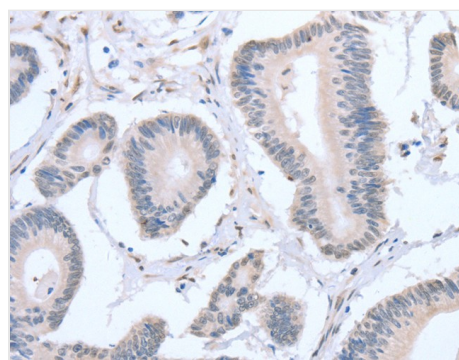
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	0.9mg/mL (varies by lot)
Sequence Length	318
Applicable Applications for anti-APEX1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant protein of human APEX1
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



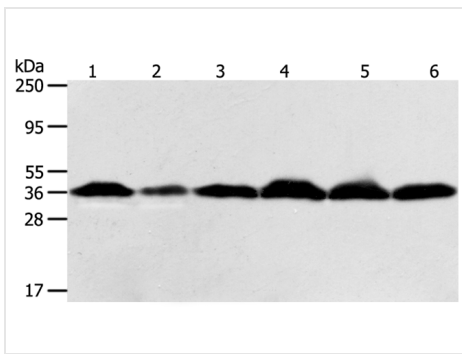
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human lung cancer using APEX1 Polyclonal Antibody at dilution of 1:20



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colon cancer using APEX1 Polyclonal Antibody at dilution of 1:20



WB (Western Blot)

Western Blot analysis of HeLa cell and Human liver cancer tissue, Raji, Jurkat, 293T and PC3 cell using APEX1 Polyclonal Antibody at dilution of 1:450

ADDITIONAL INFORMATION

Related Product Information for anti-APEX1 antibody	Apurinic/apyrimidinic (AP) sites occur frequently in DNA molecules by spontaneous hydrolysis, by DNA damaging agents or by DNA glycosylases that remove specific abnormal bases. AP sites are pre-mutagenic lesions that can prevent normal DNA replication so the cell contains systems to identify and repair such sites. Class II AP endonucleases cleave the phosphodiester backbone 5' to the AP site. This gene encodes the major AP endonuclease in human cells. Splice variants have been found for this gene; all encode the same protein.
Product Categories/Family for anti-APEX1 antibody	Epigenetics ; Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	124111123
NCBI GeneID	465200
Molecular Weight	35,569 Da
NCBI Official Full Name	APEX1
NCBI Official Symbol	APEX1
NCBI Official Synonym Symbols	REF-1
NCBI Protein Information	DNA-(apurinic or apyrimidinic site) lyase; DNA-(apurinic or apyrimidinic site) lyase; AP endonuclease 1; APEN; apurinic-apyrimidinic endonuclease 1; redox factor-1
UniProt Protein Name	DNA-(apurinic or apyrimidinic site) lyase
UniProt Gene Name	APEX1
UniProt Synonym Gene Names	APE; APEX; BAP1; REF1; APEN; AP endonuclease 1
UniProt Entry Name	APEX1_PANTR

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/apex1-antibody-immunohistochemistry-western-blot-elisa/167006>