

Rabbit anti-Human APE1 Polyclonal Antibody | anti-APE1 antibody

APE1 antibody

CATALOG # AAA304287	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot
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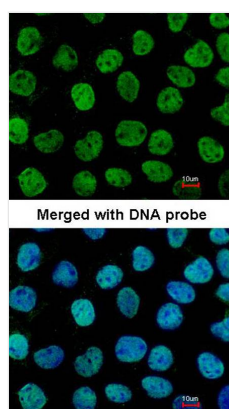
PRODUCT SYNONYMS

APE1; Polyclonal Antibody; APE1 antibody; APE; APE-1; APEN; APEX; APX; HAP1; REF-1; REF1; anti-APE1 antibody

PRODUCT SPECIFICATIONS

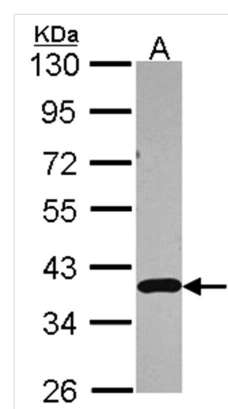
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Affinity purified by Protein A.
Form/Format	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Sequence Length	318
Applicable Applications for anti-APE1 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide contain a sequence corresponding to a region within amino acids 1 and 15 of APE1
Target Name	APE1
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde-fixed A431, using APE1 antibody at 1: 200 dilution.



Application Data

Sample (30 ug of whole cell lysate) A: A549 10% SDS PAGE Primary antibody diluted at 1: 3000

ADDITIONAL INFORMATION

Related Product Information for anti-APE1 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. [provided by RefSeq]
Product Categories/Family for anti-APE1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	18375501
NCBI GeneID	328
NCBI Accession #	NP_001632
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	APEX nuclease (multifunctional DNA repair enzyme) 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ape1-antibody-immunofluorescence-western-blot-elisa/304287>