

Rabbit APE1 Polyclonal Antibody | anti-APE1 antibody

APE1 Antibody

CATALOG # AAA225056	HOST Rabbit	APPLICATIONS Western Blot, Immunocytochemistry, Immunofluorescence
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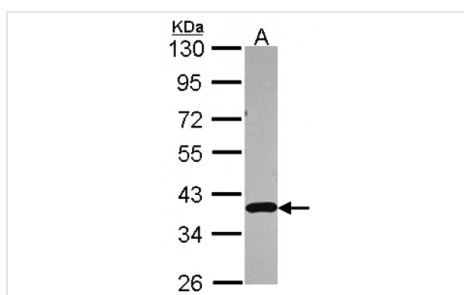
PRODUCT SYNONYMS

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

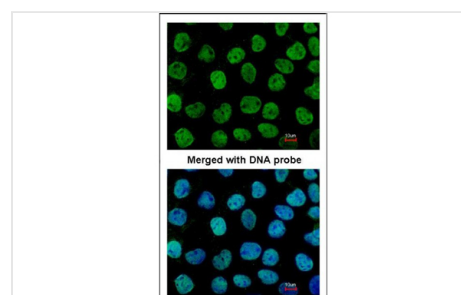
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Protein A Chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	5.04 mg/ml (varies by lot)
Sequence Length	33
Applicable Applications for anti-APE1 antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence)
Immunogen	APE1 antibody was raised in rabbit using a synthetic peptide corresponding to a region within amino acids 1 and 45 of APE1
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: A549) using a 10% SDS PAGE gel and APE1 antibody at a dilution of 1:3000


IF (Immunofluorescence)

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

ADDITIONAL INFORMATION

Related Product Information for anti-APE1 antibody	Apurinic/aprimidinic (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.
Product Categories/Family for anti-APE1 antibody	DNA & RNA

NCBI AND UNIPROT INFORMATION

NCBI GI #	1388694400
Molecular Weight	36 kDa
NCBI Official Full Name	APE1, partial

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/apel-antibody-western-blot-immunocytochemistry-immunofluorescence-elisa/225056>