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APEX1 Antibody

APEX; APEX1; APEX nuclease (multifunctional DNA repair enzyme); APE; APX; APE1; APEN; HAP1; REF1; REF-1; AP lyase; AP endonuclease class I; apurinic/apyrimidinic exonuclease; multifunctional DNA repair enzyme; DNA-(apurinic or apyrimidinic site) lyase; a

CATALOG NO.: 45-009

HOST:
Goat

CLONALITY:
Polyclonal

INFORMATION:
APEX1 Antibody. NP_001632.2; NP_542379.1 and NP_542380.1 are varients that represent the same protein.

SOURCE:
APEX1 antibody was raised against a synthetic peptide near the N-terminus of APEX1.

PROTEIN ACCESSION NUMBER(S) :
NP_001632.2; NP_542379.1; NP_542380.1

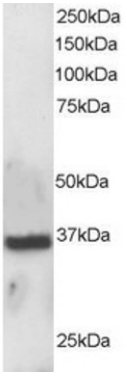
SPECIES REACTIVITY:
Human

TESTED APPLICATION:
ELISA, Western Blot

APPLICATION:
Western blot: Approx 35kDa band seen in A431 lysate. Recommended for use at 0.2-1µg/ml.

PURIFICATION:
Purifed from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

BUFFER:
Antibody is supplied as 0.1mg of purified antibody. 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.



Western blot analysis of APEX1 in A431 lysate (RIPA buffer, 30µg total protein per lane) using APEX1 antibody (0.5µg/ml).

STORAGE:

Aliquot and store at -20°C. Minimize freezing and thawing.

REFERENCE:

Demple B, Herman T, Chen DS. Cloning and expression of APE, the cDNA encoding the major human apurinic endonuclease: definition of a family of DNA repair enzymes. Proc Natl Acad Sci U S A. 1991 Dec 15;88(24):11450-4.

USER NOTES:

When working with antibodies optimal dilutions/concentrations should be determined by the end user for each application. The information provided is a guideline for antibody use. As with all ProSci antibodies, this antibody is for research use only.