

Rabbit APEH Polyclonal Antibody | anti-APEH antibody

APEH Rabbit Polyclonal Antibody

CATALOG # AAA313417	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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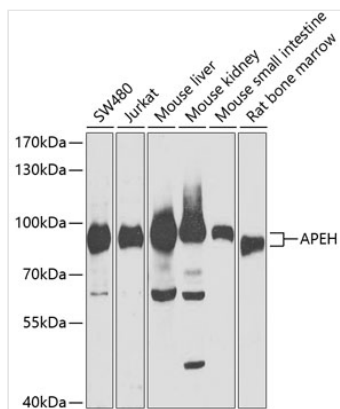
PRODUCT SYNONYMS

APEH; Polyclonal Antibody; APEH Rabbit Polyclonal Antibody; AARE; ACPH; APH; D3F15S2; D3S48E; DNF15S2; OPH; anti-APEH antibody

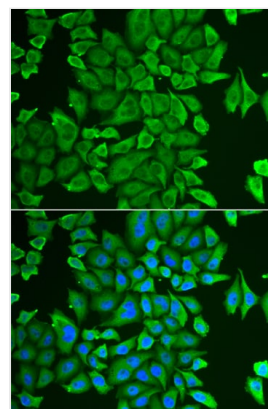
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-APEH antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human APEH (NP_001631.3).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using APEH at 1:1000 dilution.


IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using APEH. Blue: DAPI for nuclear staining.

ADDITIONAL INFORMATION

Related Product Information for anti-APEH antibody	This gene encodes the enzyme acylpeptide hydrolase, which catalyzes the hydrolysis of the terminal acetylated amino acid preferentially from small acetylated peptides. The acetyl amino acid formed by this hydrolase is further processed to acetate and a free amino acid by an aminoacylase. This gene is located within the same region of chromosome 3 (3p21) as the aminoacylase gene, and deletions at this locus are also associated with a decrease in aminoacylase activity. The acylpeptide hydrolase is a homotetrameric protein of 300 kDa with each subunit consisting of 732 amino acid residues. It can play an important role in destroying oxidatively damaged proteins in living cells. Deletions of this gene locus are found in various types of carcinomas, including small cell lung carcinoma and renal cell carcinoma.
Product Categories/Family for anti-APEH antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	23510451
NCBI GeneID	327
NCBI Accession #	NP_001631
NCBI GenBank Nucleotide #	NM_001640
UniProt Accession #	P13798; Q9BQ33; Q9P0Y2
Molecular Weight	81,225 Da
NCBI Official Full Name	acylamino-acid-releasing enzyme
NCBI Official Synonym Full Names	acylaminoacyl-peptide hydrolase
NCBI Official Symbol	APEH
NCBI Official Synonym Symbols	APH; OPH; AARE; ACPH; D3S48E; D3F15S2; DNF15S2
NCBI Protein Information	acylamino-acid-releasing enzyme; N-acylaminoacyl-peptide hydrolase; acylaminoacyl-peptidase; oxidized protein hydrolase
UniProt Protein Name	Acylamino-acid-releasing enzyme
UniProt Gene Name	APEH
UniProt Synonym Gene Names	D3F15S2; D3S48E; DNF15S2; AARE; APH; OPH
UniProt Entry Name	ACPH_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.