

Rabbit APEH Polyclonal Antibody | anti-APEH antibody

APEH antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199883	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Immunohistochemistry, Western Blot

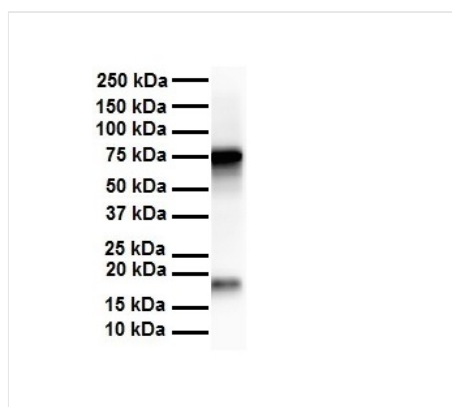
PRODUCT SYNONYMS

APEH; Polyclonal Antibody; APEH antibody - N-terminal region; anti-APEH antibody

PRODUCT SPECIFICATIONS

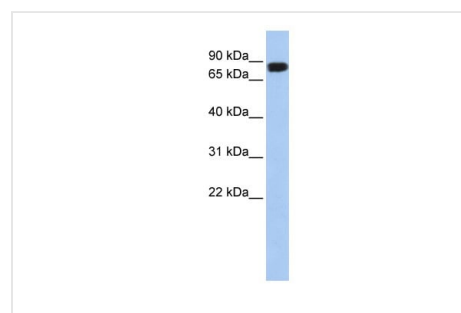
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: VY EDDCFGCLSW SHSETHLLYV AEKKRPKAES FFQTKALDVS ASDDEIAR
Sequence Length	732
Applicable Applications for anti-APEH antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 93%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 83%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human APEH
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



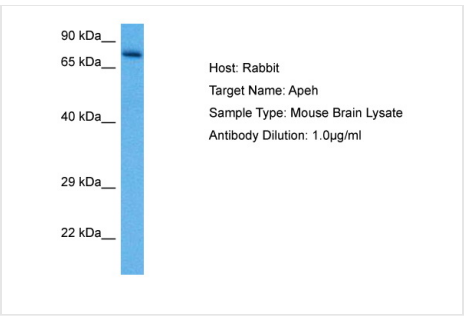
WB (Western Blot)

WB Suggested Anti-APEH antibody Titration: 1 ug/mL Sample Type: Human liver



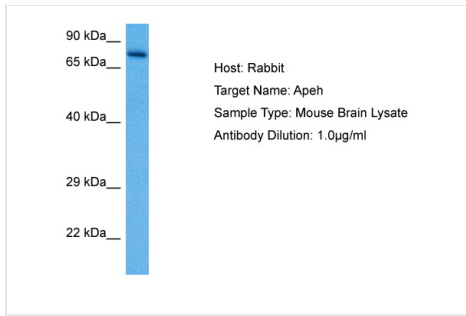
WB (Western Blot)

WB Suggested Anti-APEH Antibody Titration: 0.2-1 ug/mL ELISA Titer: 1:312500 Positive Control: 721_B cell lysate APEH is supported by BioGPS gene expression data to be expressed in 721_B



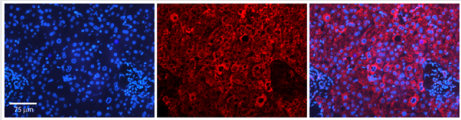
WB (Western Blot)

Host: RabbitTarget Name: APEHSample Tissue: Mouse BrainAntibody Dilution: 1ug/ml



WB (Western Blot)

Host: MouseTarget Name: APEHSample Tissue: Mouse BrainAntibody Dilution: 1ug/ml



IHC (Immunohistochemistry)

Rabbit Anti-APEH AntibodyFormalin Fixed Paraffin Embedded Tissue: Human Adult liverObserved Staining: CytoplasmicPrimary Antibody Concentration: 1:600Secondary Antibody: Donkey anti-Rabbit-Cy2/3Secondary Antibody Concentration: 1:200Magnification: 20XExposure Time: 0.5 - 2.0 secProtocol located in Reviews and Data.

ADDITIONAL INFORMATION

Related Product Information for anti-APEH antibody	This is a rabbit polyclonal antibody against APEH. It was validated on Western Blot using a cell lysate as a positive control.
	Target Description: APEH is 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.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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-APEH antibody	Polyclonal ; Transcription Factor ; Signal Proteins ; Chromatin & Nuclear Signaling ; Disease Related ; DNA/RNA/Protein Interactions

NCBI AND UNIPROT INFORMATION

NCBI GI #	23510451
NCBI GeneID	327
NCBI Accession #	NP_001631
NCBI GenBank Nucleotide #	NM_001640
UniProt Accession #	P13798
Molecular Weight	81kDa

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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/apmh-antibody-immunohistochemistry-western-blot-elisa/199883>