

Acylamino-Acid-Releasing Enzyme (APEH) Antibody

Catalogue No.:abx026887



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. APEH 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. The protein can play an important role in destroying oxidatively damaged proteins in living cells.

Target:	Acylamino-Acid-Releasing Enzyme (APEH)
Clonality:	Polyclonal
Reactivity:	Human
Tested Applications:	ELISA, WB
Host:	Rabbit
Recommended dilutions:	WB: 1/1000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic peptide between 174-204 amino acids from the N-terminal region of human APEH.
lsotype:	lgG
Form:	Liquid
Purification:	Purified Rabbit Polyclonal Antibody.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P13798 (<u>UniProt</u> , <u>ExPASy</u>)

Datasheet Version: 3.0.0 Revision date: 30 Apr 2025



Gene Symbol:	APEH
GenelD:	327
OMIM:	<u>102645</u>
KEGG:	hsa:327
String:	<u>9606.ENSP00000296456</u>
Molecular Weight:	Calculated MW: 81.2 kDa
Buffer:	PBS containing 0.09% sodium azide.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.