



ACPH rabbit pAb

Catalog No	YP-Ab-08720
Isotype	IgG
Reactivity	Human;Rat
Applications	WB
Gene Name	APEH D3F15S2 D3S48E DNF15S2
Immunogen	Synthesized peptide derived from human ACPH AA range: 255-305
Specificity	This antibody detects endogenous levels of ACPH at Human/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	AARE;ACPH;Acyl peptide hydrolase;Acylamino-acid-releasing enzyme; Acylaminoacyl peptidase;APEH D3F15S2 D3S48E DNF15S2
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Cytoplasm.
Tissue Specificity	
Function	catalytic activity:Cleavage of an N-acetyl or N-formyl amino acid from the N-terminus of a polypeptide.,function:This enzyme catalyzes the hydrolysis of the N-terminal peptide bond of an N-acetylated peptide to generate an N-acetylated amino acid and a peptide with a free N-terminus. It preferentially cleaves off Ac-Ala, Ac-Met and Ac-Ser.,mass spectrometry: PubMed:10395453, similarity:Belongs to the peptidase S9C family.,subunit:Homotetramer.,
Background	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. [provided by RefSeq, Jul 2008],

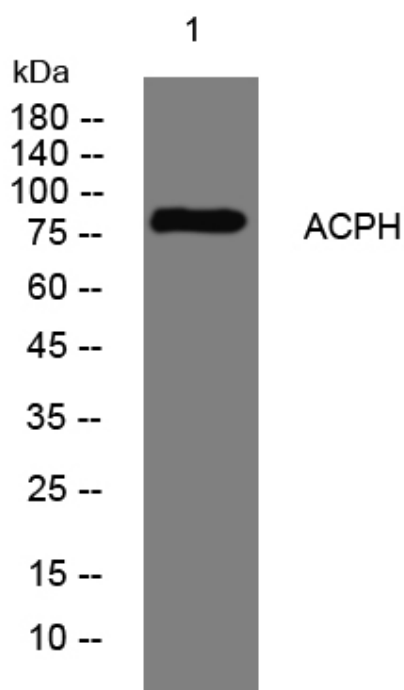
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from A431 cells, primary antibody was diluted at 1:1000, 4° over night