

DNAxPAb

Hard-to-Find
Antibody

APEH DNAxPab

Catalog # H00000327-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human APEH DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MERQVLLSEPEEAAALYRGLSRQPALSAACLGPEVTTQYGGQYRTVHTEWTQRDLERMENIRFC RQYLVFHDGDSVVFAGPAGNSVETRGEILLSRESPSGTMKAVLRKAGGTGPGEKQFLEVWEKN RKLKSFNLSALEKHGPVYEDDCFGCLSWSHSETHLLYVAEKKRPKAESFFQTKALDVSASDDEI ARLKKPDQAIKGDQFVFYEDWGENMVSKSIPVLCVLDVESGNISVLEGVPENVSPGQAFWAPGD AGVVFVGWWHEPFRLGIRFCTNRRSALYYDLIGGKCELLSDDSLAVSSPRLSPDQCRVYLQYP SLIPHHQCSQLCLYDWYTKVTSVVVDVVPRLGENFSGIYCSLLPLGCWSADSQRVVFDSAQRS RQDLFAVDTQVGTVTSLTAGSGGSWKLLTIDQDLMVAQFSTPSLPPTLKVGFPLPSAGKEQSVL WVSL EEAEPIPDHGWGIRVLQPPPEQENVQYAGLDFAILLQPGSPDKTQVPMVMPHGGPHS SFVTAWMLFPAMLCKMGFAVLLVNYRGSTGFGQDSILSLPGNVGHQDVKDVFQFAVEQVLQEEH FDASHVALMGGSHGGFISCHLIGQYPETYRACVARNPVINIASMLGSTDIPDWCVEAGFPFSSDC LPDLSVWAEMLDKSPIRYIPQVKTPLLLMLGQEDRRVPFKQGMEYYRALKTRNVPVRLLLYPKSTH ALSEVEVESDSFMNAVWLRLTHLGS
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — APEH

Entrez GeneID [327](#)

GeneBank Accession# [NM_001640.3](#)

Protein Accession# [NP_001631.3](#)

Gene Name APEH

Gene Alias ACPH, APH, D3F15S2, D3S48E, DNF15S2, MGC2178, OPH

Gene Description N-acylaminoacyl-peptide hydrolase

Omim ID [102645](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations acylaminoacyl-peptidase|oxidized protein hydrolase

Disease

- [Crohn Disease](#)
- [Genetic Predisposition to Disease](#)