

AP08982PU-N

Polyclonal Antibody to ABHD4 (177-187) - Aff - Purified

Alternate names:

Abhydrolase domain-containing protein 4, Alpha/beta-hydrolase 4, Lyso-N-acylphosphatidylethanolamine lipase

Quantity:

50 µg

Concentration:

0.5 mg/ml

Background:

Lysophospholipase selective for N-acyl phosphatidylethanolamine (NAPE). Contributes to the biosynthesis of N-acyl ethanolamines, including the endocannabinoid anandamide by hydrolyzing the sn-1 and sn-2 acyl chains from N-acyl phosphatidylethanolamine (NAPE) generating glycerophospho-N-acyl ethanolamine (GP-NAE), an intermediate for N-acyl ethanolamine biosynthesis. Hydrolyzes substrates bearing saturated, monounsaturated, polyunsaturated N-acyl chains. Shows no significant activity towards other lysophospholipids, including lysophosphatidylcholine, lysophosphatidylethanolamine and lysophosphatidylserine.

Uniprot ID:

[Q8TB40](#)

NCBI:

[NP_071343.2](#)

GeneID:

[63874](#)

Host:

Goat

Immunogen:

Synthetic peptide from an internal region of human ABHD4

AA Sequence:

C-RPTNPSEIRAP

Remarks: Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey (100%); Mouse, Hamster, Panda, Dog, Bat, Horse, Pig (91%); Marmoset, Rat, Elephant, Rabbit, Opossum, Platypus (82%)

Format:

State: Liquid purified Ig

Purification: Immunoaffinity Chromatography

Buffer System: Tris saline buffer, pH 7.3, 0.5% BSA, 0.02% sodium azide

Applications:

ELISA: 1/4000.

Immunohistochemistry on Paraffin Sections: 3.75 µg/ml.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

This antibody reacts to Abhydrolase Domain Containing 4 (ABHD4) at Internal region.

Species Reactivity:

Tested: Human, Gorilla, Gibbon, Monkey, Mouse, Hamster, Panda, Dog, Bat, Horse, Pig, Marmoset, Rat, Elephant, Rabbit, Opossum, Platypus

Storage:

Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

Pictures:

Kidney: Formalin-Fixed, Paraffin-Embedded (FFPE)

