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AP08982PU-N Polyclonal Antibody to ABHD4 (177-187) - Aff - Purified

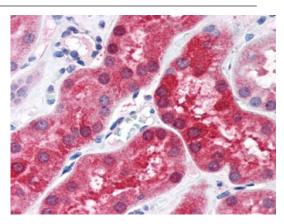
Alternate names:	Abhydrolase domain-containing protein 4, Alpha/beta-hydrolase 4, Lyso-N- acylphosphatidylethanolamine lipase
Quantity:	50 µg
Concentration:	0.5 mg/ml
Background:	Lysophospholipase selective for N-acyl phosphatidylethanolamine (NAPE). Contributes to the biosynthesis of N-acyl ethanolamines, 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:	<u>Q8TB40</u>
NCBI:	<u>NP_071343.2</u>
GenelD:	<u>63874</u>
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.

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.



Pictures:

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



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