



Human ABHD4 blocking peptide (CDBP0277)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-ABHD4 (aa 177 to 187) antibody
Antigen Description	<p>ABHD4 (abhydrolase domain containing 4) is a protein-coding gene. GO annotations related to this gene include hydrolase activity. An important paralog of this gene is ABHD5.</p> <p>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 (By similarity).</p>
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name [ABHD4 abhydrolase domain containing 4 \[Homo sapiens \]](#)

Official Symbol	ABHD4
Synonyms	ABHD4; abhydrolase domain containing 4; abhydrolase domain-containing protein 4; FLJ12816; alpha/beta-hydrolase 4; lyso-N-acylphosphatidylethanolamine lipase; ABH4;
Entrez Gene ID	63874
mRNA Refseq	NM_022060
Protein Refseq	NP_071343
UniProt ID	Q8TB40
Chromosome Location	14q11.1
Function	hydrolase activity;