



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	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. 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).
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;