

ABHD4 (aa 304 to 316) Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF2645a**Specification**

ABHD4 (aa 304 to 316) Antibody (internal region) - Product Information

Application	E
Primary Accession	Q8TB40
Other Accession	NP_071343.2 , 63874 , 105501 (mouse)
Predicted	Human, Mouse, Rat, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	38794

ABHD4 (aa 304 to 316) Antibody (internal region) - Additional Information**Gene ID** 63874**Other Names**Abhydrolase domain-containing protein 4, 3.1.1.-, Alpha/beta-hydrolase 4,
Lyso-N-acylphosphatidylethanolamine lipase, ABHD4**Dilution**

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ABHD4 (aa 304 to 316) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

ABHD4 (aa 304 to 316) Antibody (internal region) - Protein Information**Name** ABHD4 ([HGNC:20154](#))**Function**

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.

ABHD4 (aa 304 to 316) Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ABHD4 (aa 304 to 316) Antibody (internal region) - Images

ABHD4 (aa 304 to 316) Antibody (internal region) - References

Endocannabinoid biosynthesis proceeding through glycerophospho-N-acyl ethanolamine and a role for alpha/beta-hydrolase 4 in this pathway. Simon GM, Cravatt BF. J Biol Chem. 2006 Sep 8;281(36):26465-72. Epub 2006 Jul 3. PMID: 16818490