

**ABHD6 Antibody (internal region)**  
**Peptide-affinity purified goat antibody**  
**Catalog # AF2809a****Specification**

---

**ABHD6 Antibody (internal region) - Product Information**

|                   |                                                                                                                    |
|-------------------|--------------------------------------------------------------------------------------------------------------------|
| Application       | E                                                                                                                  |
| Primary Accession | <a href="#">O9BV23</a>                                                                                             |
| Other Accession   | <a href="#">NP_065727.3</a> , <a href="#">57406</a> , <a href="#">66082 (mouse)</a> , <a href="#">305795 (rat)</a> |
| Predicted Host    | Human, Mouse, Rat, Dog, Cow                                                                                        |
| Clonality         | Goat                                                                                                               |
| Concentration     | Polyclonal                                                                                                         |
| Isotype           | 0.5 mg/ml                                                                                                          |
| Calculated MW     | IgG                                                                                                                |
|                   | 38331                                                                                                              |

**ABHD6 Antibody (internal region) - Additional Information****Gene ID** 57406**Other Names**

Monoacylglycerol lipase ABHD6, 3.1.1.23, 2-arachidonoylglycerol hydrolase, Abhydrolase domain-containing protein 6, ABHD6

**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**

ABHD6 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

**ABHD6 Antibody (internal region) - Protein Information****Name** ABHD6 ([HGNC:21398](#))**Function**

Lipase that preferentially hydrolysis medium-chain saturated monoacylglycerols including 2-arachidonoylglycerol (PubMed:&lt;a href="http://www.uniprot.org/citations/22969151" target="\_blank"&gt;22969151&lt;/a&gt;). Through 2-arachidonoylglycerol degradation may regulate endocannabinoid signaling pathways (By similarity). Also has a lysophosphatidyl lipase activity with a preference for lysophosphatidylglycerol among other lysophospholipids (By similarity). Also able to degrade bis(monoacylglycerol)phosphate (BMP) and constitutes the major enzyme for BMP

catabolism (PubMed:<a href="http://www.uniprot.org/citations/26491015" target="\_blank">26491015</a>). BMP, also known as lysobisphosphatidic acid, is enriched in late endosomes and lysosomes and plays a key role in the formation of intraluminal vesicles and in lipid sorting (PubMed:<a href="http://www.uniprot.org/citations/26491015" target="\_blank">26491015</a>).

#### **Cellular Location**

Late endosome membrane {ECO:0000250|UniProtKB:Q8R2Y0}; Single-pass type II membrane protein. Lysosome membrane {ECO:0000250|UniProtKB:Q8R2Y0}; Single-pass type II membrane protein. Mitochondrion membrane {ECO:0000250|UniProtKB:Q8R2Y0}; Single-pass type II membrane protein

#### **ABHD6 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](#)

#### **ABHD6 Antibody (internal region) - Images**

#### **ABHD6 Antibody (internal region) - References**

A comprehensive profile of brain enzymes that hydrolyze the endocannabinoid 2-arachidonoylglycerol. Blankman JL, Simon GM, Cravatt BF. Chem Biol. 2007 Dec;14(12):1347-56 PMID: 18096503