

ABHD6 Polyclonal Antibody
Catalog # AP68244**Specification**

ABHD6 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	Q9BV23
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

ABHD6 Polyclonal Antibody - Additional Information**Gene ID** 57406**Other Names**

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

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

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

Lipase that preferentially hydrolysis medium-chain saturated monoacylglycerols including 2-arachidonoylglycerol (PubMed:22969151). 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:26491015). 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:26491015).

Cellular Location

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

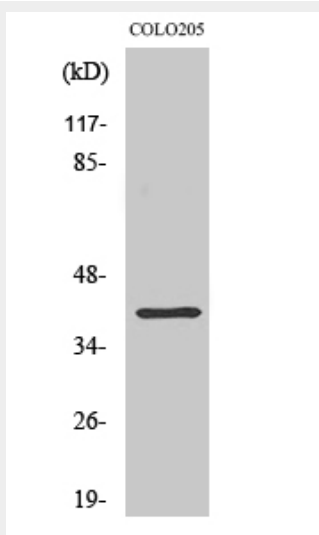
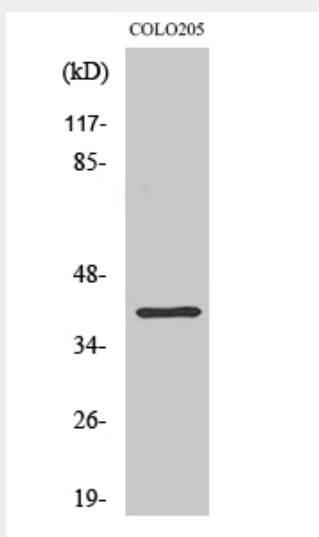
protein. Lysosome membrane {ECO:0000250|UniProtKB:Q8R2Y0}; Single-pass type II membrane protein. Mitochondrion membrane {ECO:0000250|UniProtKB:Q8R2Y0}; Single-pass type II membrane protein

ABHD6 Polyclonal Antibody - 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 Polyclonal Antibody - Images



ABHD6 Polyclonal Antibody - Background

Lipase that preferentially hydrolysis medium-chain saturated monoacylglycerols including 2-arachidonoylglycerol (PubMed:22969151). Through 2-arachidonoylglycerol degradation may regulate endocannabinoid signaling pathways. May also have a lysophosphatidyl lipase activity with a preference for lysophosphatidylglycerol among other lysophospholipids (By similarity).