

ABHD6 Antibody (aa231-280)
Rabbit Polyclonal Antibody
Catalog # ALS16642**Specification**

ABHD6 Antibody (aa231-280) - Product Information

Application	IHC, IF, WB
Primary Accession	O9BV23
Other Accession	57406
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	38331

ABHD6 Antibody (aa231-280) - Additional Information**Gene ID** 57406**Other Names**

ABHD6, Monoacylglycerol lipase ABHD6, Lipase protein

Target/Specificity

ABHD6 Antibody detects endogenous levels of total ABHD6 protein.

Reconstitution & StoragePBS (without Mg²⁺, Ca²⁺), pH 7.4, 150 mM sodium chloride, 0.02% sodium azide, 50% glycerol.
Store at -20°C for up to one year.**Precautions**

ABHD6 Antibody (aa231-280) is for research use only and not for use in diagnostic or therapeutic procedures.

ABHD6 Antibody (aa231-280) - 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(monoacylglycero)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).

target="_blank">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

Volume

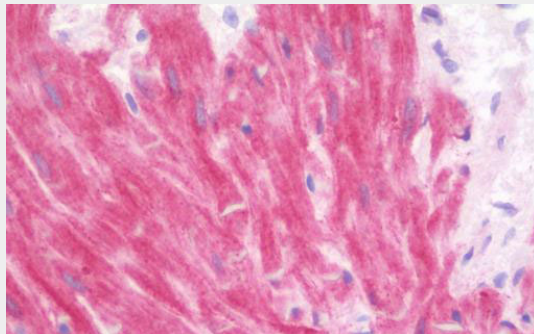
50 μ l

ABHD6 Antibody (aa231-280) - Protocols

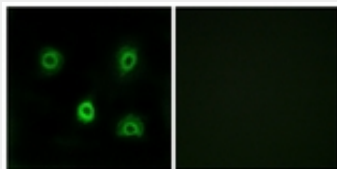
Provided below are standard protocols that you may find useful for product applications.

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

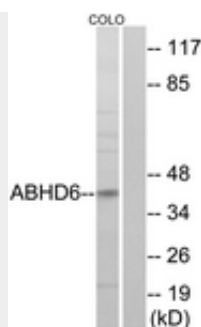
ABHD6 Antibody (aa231-280) - Images



Anti-ABHD6 antibody IHC staining of human prostate.



Immunofluorescence of A549 cells, using ABHD6 Antibody.



Western blot of extracts from COLO cells, using ABHD6 Antibody.

ABHD6 Antibody (aa231-280) - Background

Has 2-arachidonoylglycerol hydrolase activity. May be a regulator of endocannabinoid signaling pathways.

ABHD6 Antibody (aa231-280) - References

Ota T.,et al.Nat. Genet. 36:40-45(2004).

Muzny D.M.,et al.Nature 440:1194-1198(2006).

Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.