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ABHD6 Antibody (aa231-280)

Rabbit Polyclonal Antibody
Catalog # ALS16642

Specification

ABHD6 Antibody (aa231-280) - Product Information

Application	**IHC, IF, WB**
Primary Accession	Q9BV23
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 & Storage
PBS (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:<a href="http://www.uniprot.org/citations/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

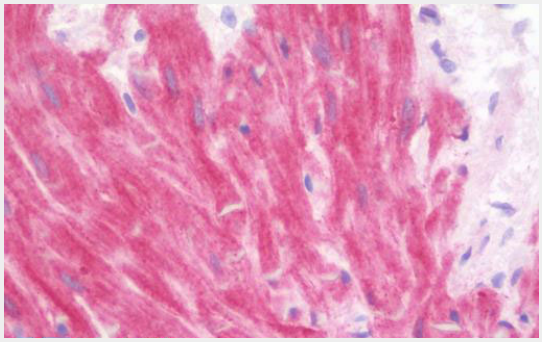
Volume
50 µl

ABHD6 Antibody (aa231-280) - Protocols

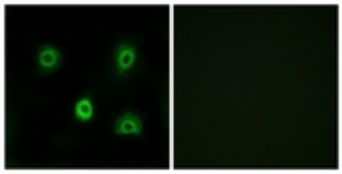
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ABHD6 Antibody (aa231-280) - Images

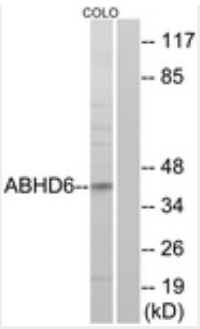


Anti-ABHD6 antibody IHC staining of human prostate.



Immunofluorescence of A549 cells, using ABHD6 Antibody.

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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.