

ABHD10 Antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI15649**Specification**

ABHD10 Antibody - middle region - Product Information

Application	WB
Primary Accession	O9NUJ1
Other Accession	NM_018394 , NP_060864
Reactivity	Human, Rabbit
Predicted	Human, Rabbit
Host	Rabbit
Clonality	Polyclonal
Calculated MW	33kDa kDa

ABHD10 Antibody - middle region - Additional Information**Gene ID** 55347**Other Names**

Mycophenolic acid acyl-glucuronide esterase, mitochondrial, 3.1.1.93, Alpha/beta hydrolase domain-containing protein 10, Abhydrolase domain-containing protein 10, ABHD10

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-ABHD10 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

ABHD10 Antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

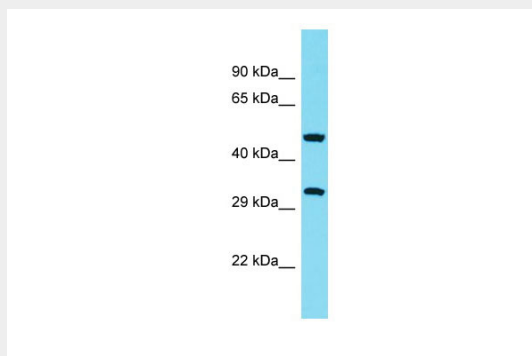
ABHD10 Antibody - middle region - Protein Information**Name** ABHD10 ([HGNC:25656](#))**Function**

Acts as an acyl-protein thioesterase that hydrolyzes fatty acids from acylated residues in proteins (PubMed:31740833). Regulates the mitochondrial S-depalmitoylation of the nucleophilic active site residue of peroxiredoxin-5/PRDX5, a key antioxidant protein, therefore modulating mitochondrial antioxidant ability (PubMed:31740833). Also catalyzes the deglucuronidation of mycophenolic acid acyl-glucuronide, an active metabolite of the immunosuppressant drug mycophenolate (PubMed:22294686).

Cellular Location
Mitochondrion.**ABHD10 Antibody - middle 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](#)

ABHD10 Antibody - middle region - Images

Host: Rabbit

Target Name: ABHD10

Sample Tissue: THP-1 Whole cell lysate

s

Antibody Dilution: 1.0µg/ml

ABHD10 Antibody - middle region - 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 (SEP-2005) to the EMBL/GenBank/DDBJ databases.

Bechtel S., et al. BMC Genomics 8:399-399(2007).

Burkard T.R., et al. BMC Syst. Biol. 5:17-17(2011).