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ABHD10 Antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI15649

Specification

ABHD10 Antibody - middle region - Product Information

Application	**WB**
Primary Accession	Q9NUJ1
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).

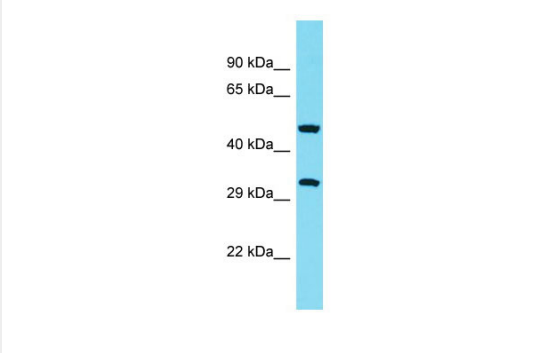
Cellular Location
Mitochondrion.

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 Cytomety
- 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).