

ABHD10 Antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI15649

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	33933

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.

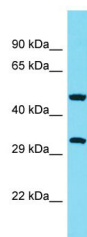
Protein Information

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.

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).

Images



Host: Rabbit
Target Name: ABHD10
Sample Tissue: THP-1 Whole cell lysate
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Antibody Dilution: 1.0µg/ml

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.