

ABHDA Antibody (C-term) Blocking Peptide

Synthetic peptide Catalog # BP4829b

Specification

ABHDA Antibody (C-term) Blocking Peptide - Product Information

Primary Accession

<u>09NUI1</u>

ABHDA Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 55347

Other Names

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

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ABHDA Antibody (C-term) Blocking Peptide - Protein Information

Name ABHD10 (HGNC:25656)

Function

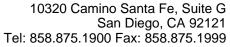
Acts as an acyl-protein thioesterase that hydrolyzes fatty acids from acylated residues in proteins (PubMed:31740833). Regulates the mitochondrial S-depalmitoylation of the nucleophilic active site residue of peroxiredoxin-5/PRDX5, a key antioxidant protein, therefore modulating mitochondrial antioxidant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

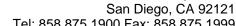
Cellular Location

Mitochondrion.

ABHDA Antibody (C-term) Blocking Peptide - Protocols

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







• Blocking Peptides

ABHDA Antibody (C-term) Blocking Peptide - Images

ABHDA Antibody (C-term) Blocking Peptide - References

Simpson, J.C., et al. EMBO Rep. 1(3):287-292(2000)