

ABHDA Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP4829b**Specification**

ABHDA Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q9NUJ1](#)**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 InformationName 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)