

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

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**ABHDA Antibody (C-term) Blocking Peptide - Product Information**Primary 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 Information**Name ABHD10 ([HGNC:25656](#))**Function**

Acts as an acyl-protein thioesterase that hydrolyzes fatty acids from acylated residues in proteins (PubMed:<a href="http://www.uniprot.org/citations/31740833" target="\_blank">31740833</a>). 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:<a href="http://www.uniprot.org/citations/31740833" target="\_blank">31740833</a>). Also catalyzes the deglucuronidation of mycophenolic acid acyl-glucuronide, an active metabolite of the immunosuppressant drug mycophenolate (PubMed:<a href="http://www.uniprot.org/citations/22294686" target="\_blank">22294686</a>).

**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)