

ATP13A1 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP5680c**Specification**

ATP13A1 Antibody (Center) Blocking peptide - Product Information

Primary Accession [O9HD20](#)
Other Accession [NP_065143.2](#)

ATP13A1 Antibody (Center) Blocking peptide - Additional Information

Gene ID 57130

Other Names

Manganese-transporting ATPase 13A1, 363-, ATP13A1, ATP13A, KIAA1825

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.

ATP13A1 Antibody (Center) Blocking peptide - Protein Information

Name ATP13A1 {ECO:0000303|PubMed:32973005, ECO:0000312|HGNC:HGNC:24215}

Function

Endoplasmic reticulum translocase required to remove mitochondrial transmembrane proteins mistargeted to the endoplasmic reticulum (PubMed:32973005, PubMed:36264797). Acts as a dislocase that mediates the ATP-dependent extraction of mislocalized mitochondrial transmembrane proteins from the endoplasmic reticulum membrane (PubMed:32973005). Specifically binds mitochondrial tail-anchored transmembrane proteins: has an atypically large substrate-binding pocket that recognizes and binds moderately hydrophobic transmembranes with short hydrophilic luminal domains (PubMed:32973005).

Cellular Location

Endoplasmic reticulum membrane; Multi-pass membrane protein

ATP13A1 Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

ATP13A1 Antibody (Center) Blocking peptide - Images**ATP13A1 Antibody (Center) Blocking peptide - Background**

ATP13A1 belongs to the cation transport ATPase (P type) family. Type V subfamily. There are three named isoforms produced by alternative splicing.

ATP13A1 Antibody (Center) Blocking peptide - References

Olsen, J.V., et al. Cell 127(3):635-648(2006)Liu, T., et al. J. Proteome Res. 4(6):2070-2080(2005)