

**AT8B2 Antibody (N-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP10779a****Specification**

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**AT8B2 Antibody (N-term) Blocking peptide - Product Information**

Primary Accession [P98198](#)

**AT8B2 Antibody (N-term) Blocking peptide - Additional Information**

**Gene ID** 57198

**Other Names**

Phospholipid-transporting ATPase ID, ATPase class I type 8B member 2, P4-ATPase flippase complex alpha subunit ATP8B2, ATP8B2, ATPID, KIAA1137

**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.

**AT8B2 Antibody (N-term) Blocking peptide - Protein Information**

**Name** ATP8B2 {ECO:0000303|PubMed:12880872}

**Synonyms** ATPID, KIAA1137

**Function**

Catalytic component of P4-ATPase flippase complex, which catalyzes the hydrolysis of ATP coupled to the transport of phosphatidylcholine (PC) from the outer to the inner leaflet of the plasma membrane. May contribute to the maintenance of membrane lipid asymmetry.

**Cellular Location**

Cell membrane; Multi-pass membrane protein. Endoplasmic reticulum membrane; Multi-pass membrane protein. Note=Efficient exit from the endoplasmic reticulum requires the presence of TMEM30A or TMEM30B

**Tissue Location**

Isoform 3 is ubiquitous, with highest expression in aorta, cerebellum and uterus.

**AT8B2 Antibody (N-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

#### **AT8B2 Antibody (N-term) Blocking peptide - Images**

#### **AT8B2 Antibody (N-term) Blocking peptide - Background**

The protein encoded by this gene belongs to the family of P-type cation transport ATPases, and to the subfamily of aminophospholipid-transporting ATPases. The aminophospholipid translocases transport phosphatidylserine and phosphatidylethanolamine from one side of a bilayer to another. Alternatively spliced transcript variants encoding different isoforms have been identified.

#### **AT8B2 Antibody (N-term) Blocking peptide - References**

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) Harris, M.J., et al. Biochim. Biophys. Acta 1633(2):127-131(2003) Halleck, M.S., et al. Physiol. Genomics 1(3):139-150(1999)