

ATP10D Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP12695a**Specification**

ATP10D Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [Q9P241](#)**ATP10D Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 57205**Other Names**

Probable phospholipid-transporting ATPase VD, ATPase class V type 10D, P4-ATPase flippase complex alpha subunit ATP10D, ATP10D, ATPVD, KIAA1487

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.

ATP10D Antibody (N-term) Blocking peptide - Protein Information**Name** ATP10D {ECO:0000303|PubMed:30530492}**Synonyms** ATPVD, KIAA1487**Function**

Catalytic component of a P4-ATPase flippase complex, which catalyzes the hydrolysis of ATP coupled to the transport of glucosylceramide (GlcCer) from the outer to the inner leaflet of the plasma membrane.

Cellular Location

Cell membrane; Multi-pass membrane protein. Endoplasmic reticulum membrane; Multi-pass membrane protein. Note=Exit from the endoplasmic reticulum requires the presence of TMEM30A, but not that of TMEM30B

Tissue Location

Expressed in placenta and, to a lesser extent, in kidney.

ATP10D Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

ATP10D Antibody (N-term) Blocking peptide - Images

ATP10D Antibody (N-term) Blocking peptide - Background

The exact function of ATP10D remains unknown.

ATP10D Antibody (N-term) Blocking peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) ;Hicks, A.A., et al. PLoS Genet. 5 (10), E1000672 (2009) ;Flamant, S., et al. Mamm. Genome 14(1):21-30(2003)