

ATP13A4 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP9107a

Specification

ATP13A4 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession [Q4VNC1](#)

ATP13A4 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 84239

Other Names

Probable cation-transporting ATPase 13A4, 363-, P5-ATPase isoform 4, ATP13A4

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP9107a](/products/AP9107a) was selected from the N-term region of human ATP13A4. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

ATP13A4 Antibody (N-term) Blocking Peptide - Protein Information

Name ATP13A4

Cellular Location

Early endosome membrane {ECO:0000250|UniProtKB:Q5XF90}; Multi-pass membrane protein.
Late endosome membrane {ECO:0000250|UniProtKB:Q5XF90}; Multi-pass membrane protein.
Recycling endosome membrane {ECO:0000250|UniProtKB:Q5XF90}; Multi-pass membrane protein

Tissue Location

Expressed in heart, placenta, liver, skeletal muscles, and pancreas. Lower levels of expression are also detected in brain, lung and kidney. Weakly expressed in the adult brain. Expression in fetal brain is higher than in adult brain, with levels similar to several other fetal tissues including spleen and skeletal muscle. In adult brain expressed at low levels in all tissues examined, including the temporal lobe and putamen (PubMed:15925480). Highly expressed in the respiratory and integumentary systems (PubMed:29505581)

ATP13A4 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

ATP13A4 Antibody (N-term) Blocking Peptide - Images**ATP13A4 Antibody (N-term) Blocking Peptide - References**

Kwasnicka-Crawford, D.A., et al., Genomics 86 (2), 182-194 (2005) Clark, H.F., et al., Genome Res. 13 (10), 2265-2270 (2003)