

# LAPTM4A Antibody (N-term) Blocking peptide

Synthetic peptide Catalog # BP13816a

#### **Specification**

### LAPTM4A Antibody (N-term) Blocking peptide - Product Information

**Primary Accession** 

**Q15012** 

## LAPTM4A Antibody (N-term) Blocking peptide - Additional Information

**Gene ID 9741** 

#### **Other Names**

Lysosomal-associated transmembrane protein 4A, Golgi 4-transmembrane-spanning transporter MTP, LAPTM4A, KIAA0108, LAPTM4, MBNT, MTRP

### Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13816a was selected from the N-term region of LAPTM4A. 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.

### LAPTM4A Antibody (N-term) Blocking peptide - Protein Information

## Name LAPTM4A

Synonyms KIAA0108, LAPTM4, MBNT, MTRP

#### **Function**

May function in the transport of nucleosides and/or nucleoside derivatives between the cytosol and the lumen of an intracellular membrane-bound compartment.

## **Cellular Location**

Endomembrane system; Multi-pass membrane protein. Note=May reside in an intracellular membrane-bound compartment.

## LAPTM4A Antibody (N-term) Blocking peptide - Protocols



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

#### Blocking Peptides

## LAPTM4A Antibody (N-term) Blocking peptide - Images

## LAPTM4A Antibody (N-term) Blocking peptide - Background

This gene encodes a protein that has four predicted transmembrane domains. The function of this gene has not yet been determined; however, studies in the mouse homolog suggest a role in the transport of small molecules across endosomal and lysosomal membranes.

# LAPTM4A Antibody (N-term) Blocking peptide - References

Rikova, K., et al. Cell 131(6):1190-1203(2007)Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)Tomarev, S.I., et al. Invest. Ophthalmol. Vis. Sci. 44(6):2588-2596(2003)Hoja, M.R., et al. Exp. Cell Res. 259(1):239-246(2000)Hogue, D.L., et al. J. Biol. Chem. 271(16):9801-9808(1996)