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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

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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 predictedtransmembrane domains. The function of this gene has not yet beendetermined; however, studies in the mouse homolog suggest a role inthe transport of small molecules across endosomal and lysosomalmembranes.

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)