

LAPTM4A Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13816a

Specification

LAPTM4A Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q15012
Other Accession	NP_055528.1
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	26801
Antigen Region	1-30

LAPTM4A Antibody (N-term) - 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

This LAPTM4A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human LAPTM4A.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

LAPTM4A Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

LAPTM4A Antibody (N-term) - 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

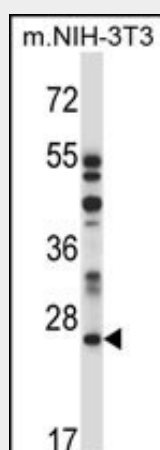
Endomembrane system; Multi-pass membrane protein. Note=May reside in an intracellular membrane-bound compartment.

LAPTM4A Antibody (N-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

LAPTM4A Antibody (N-term) - Images



LAPTM4A Antibody (N-term) (Cat. #AP13816a) western blot analysis in mouse NIH-3T3 cell line lysates (35ug/lane). This demonstrates the LAPTM4A antibody detected the LAPTM4A protein (arrow).

LAPTM4A Antibody (N-term) - 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) - 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)