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MICALL1 Antibody (C-term) Blocking peptide

Synthetic peptide
Catalog # BP10498a

Specification

MICALL1 Antibody (C-term) Blocking peptide - Product Information

Primary Accession	Q8N3F8
Other Accession	NP_203744.1

MICALL1 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 85377

Other Names
MICAL-like protein 1, Molecule interacting with Rab13, MIRab13, MICALL1, KIAA1668, MIRAB13

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.

MICALL1 Antibody (C-term) Blocking peptide - Protein Information

Name MICALL1

Synonyms KIAA1668, MIRAB13

Function
Probable lipid-binding protein with higher affinity for phosphatidic acid, a lipid enriched in recycling endosome membranes. On endosome membranes, may act as a downstream effector of Rab proteins recruiting cytosolic proteins to regulate membrane tubulation. May be involved in a late step of receptor-mediated endocytosis regulating for instance endocytosed-EGF receptor trafficking. Alternatively, may regulate slow endocytic recycling of endocytosed proteins back to the plasma membrane. May indirectly play a role in neurite outgrowth.

Cellular Location
Recycling endosome membrane; Peripheral membrane protein. Late endosome membrane. Note=Localization to late endosomes is actin-dependent. Association to tubular recycling endosomes is regulated by RAB35 and ARF6

MICALL1 Antibody (C-term) Blocking peptide - Protocols

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

- Blocking Peptides

MICALL1 Antibody (C-term) Blocking peptide - Images

MICALL1 Antibody (C-term) Blocking peptide - Background

MICALL1 may be a cytoskeletal regulator.

MICALL1 Antibody (C-term) Blocking peptide - References

Sharma, M., et al. Mol. Biol. Cell 20(24):5181-5194(2009)Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007)Olsen, J.V., et al. Cell 127(3):635-648(2006)Jin, J., et al. Curr. Biol. 14(16):1436-1450(2004)Beausoleil, S.A., et al. Proc. Natl. Acad. Sci. U.S.A. 101(33):12130-12135(2004)