

**MICALL1 Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP10498a****Specification**

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**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**

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)