10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

MILK2 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP4901b

Specification

MILK2 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q8IY33

MILK2 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 79778

Other Names
MICAL-like protein 2, Junctional Rab13-binding protein, Molecule interacting with CasL-like 2, MICAL-L2, MICALL2, JRAB

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.

MILK2 Antibody (C-term) Blocking Peptide - Protein Information

Name MICALL2

Synonyms JRAB

Function
Effector of small Rab GTPases which is involved in junctional complexes assembly through the regulation of cell adhesion molecules transport to the plasma membrane and actin cytoskeleton reorganization. Regulates the endocytic recycling of occludins, claudins and E-cadherin to the plasma membrane and may thereby regulate the establishment of tight junctions and adherens junctions. In parallel, may regulate actin cytoskeleton reorganization directly through interaction with F-actin or indirectly through actinins and filamins. Most probably involved in the processes of epithelial cell differentiation, cell spreading and neurite outgrowth (By similarity).

Cellular Location
Cell membrane; Peripheral membrane protein. Cell junction, tight junction Recycling endosome. Cell projection Cytoplasm, cytoskeleton. Cytoplasm, cytosol

MILK2 Antibody (C-term) Blocking Peptide - Protocols

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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

- Blocking Peptides

MILK2 Antibody (C-term) Blocking Peptide - Images

MILK2 Antibody (C-term) Blocking Peptide - Background

MILK2 may be a cytoskeletal regulator.

MILK2 Antibody (C-term) Blocking Peptide - References

Kanda, I., et al. Oncogene 27(12):1687-1695(2008)Terai, T., et al. Mol. Biol. Cell 17(5):2465-2475(2006)Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)Terman, J.R., et al. Cell 109(7):887-900(2002)