

GARNL4 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP4906b**Specification**

GARNL4 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [Q684P5](#)

GARNL4 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 23108

Other Names

Rap1 GTPase-activating protein 2, Rap1GAP2, GTPase-activating Rap/Ran-GAP domain-like protein 4, RAP1GAP2, GARNL4, KIAA1039, RAP1GA2

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.

GARNL4 Antibody (C-term) Blocking Peptide - Protein Information

Name RAP1GAP2

Synonyms GARNL4, KIAA1039, RAP1GA2

Function

GTPase activator for the nuclear Ras-related regulatory protein RAP-1A (KREV-1), converting it to the putatively inactive GDP- bound state.

Cellular Location

Cytoplasm. Cytoplasm, perinuclear region

Tissue Location

Isoform 1 and isoform 2 are expressed in platelets with isoform 2 being the predominant form. Expressed in lymphocytes, heart, testis and pancreas.

GARNL4 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

GARNL4 Antibody (C-term) Blocking Peptide - Images

GARNL4 Antibody (C-term) Blocking Peptide - Background

GARNL4 encodes a GTPase-activating protein that activates the small guanine-nucleotide-binding protein Rap1 in platelets. The protein interacts with synaptotagmin-like protein 1 and Rab27 and regulates secretion of dense granules from platelets at sites of endothelial damage.

GARNL4 Antibody (C-term) Blocking Peptide - References

Neumuller, O., et al. Blood 114(7):1396-1404(2009)Hoffmeister, M., et al. J. Biol. Chem. 283(4):2297-2306(2008)Schultess, J., et al. Blood 105(8):3185-3192(2005)