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

RGMB Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP17489b

Specification

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

Primary Accession Q6NW40

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

Gene ID 285704

Other Names
RGM domain family member B, DRG11-responsive axonal guidance and outgrowth of neurite, DRAGON, RGMB

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.

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

Name RGMB {ECO:0000303|PubMed:19324014, ECO:0000312|HGNC:HGNC:26896}

Function
Member of the repulsive guidance molecule (RGM) family that contributes to the patterning of the developing nervous system (By similarity). Acts as a bone morphogenetic protein (BMP) coreceptor that potentiates BMP signaling (By similarity). Promotes neuronal adhesion (By similarity). May inhibit neurite outgrowth.

Cellular Location
Cell membrane {ECO:0000250|UniProtKB:Q7TQ33}; Lipid-anchor, GPI-anchor {ECO:0000250|UniProtKB:Q7TQ33}. Membrane raft {ECO:0000250|UniProtKB:Q7TQ33}

RGMB Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

RGMB Antibody (C-term) Blocking Peptide - Images

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RGMB Antibody (C-term) Blocking Peptide - Background

RGMB is a glycosylphosphatidylinositol (GPI)-anchoredmember of the repulsive guidance molecule family (see RGMA, MIM607362) and contributes to the patterning of the developing nervoussystem (Samad et al., 2005 [PubMed 15671031]).

RGMB Antibody (C-term) Blocking Peptide - References

Samad, T.A., et al. J. Biol. Chem. 280(14):14122-14129(2005)Samad, T.A., et al. J. Neurosci. 24(8):2027-2036(2004)