

## **RGMB Antibody (C-term)**

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP17489b

## Specification

# **RGMB Antibody (C-term) - Product Information**

Application Primary Accession Other Accession Reactivity Predicted Host Clonality Isotype Calculated MW Antigen Region WB,E <u>O6NW40</u> <u>O7TO33</u>, <u>NP\_001012779.2</u> Human Mouse Rabbit Polyclonal Rabbit IgG 47547 380-407

# **RGMB Antibody (C-term) - Additional Information**

Gene ID 285704

**Other Names** 

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

#### Target/Specificity

This RGMB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 380-407 amino acids from the C-terminal region of human RGMB.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### Precautions

RGMB Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

# **RGMB Antibody (C-term) - 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.

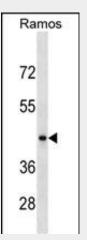
Cellular Location Cell membrane {ECO:0000250|UniProtKB:Q7TQ33}; Lipid-anchor, GPI-anchor {ECO:0000250|UniProtKB:Q7TQ33}. Membrane raft {ECO:0000250|UniProtKB:Q7TQ33}

# **RGMB Antibody (C-term) - Protocols**

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

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

### **RGMB** Antibody (C-term) - Images



RGMB Antibody (C-term) (Cat. #AP17489b) western blot analysis in Ramos cell line lysates (35ug/lane).This demonstrates the RGMB antibody detected the RGMB protein (arrow).

## **RGMB Antibody (C-term) - Background**

RGMB is a glycosylphosphatidylinositol (GPI)-anchored member of the repulsive guidance molecule family (see RGMA, MIM 607362) and contributes to the patterning of the developing nervous system (Samad et al., 2005 [PubMed 15671031]).

## **RGMB Antibody (C-term) - 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)