

### **Anti-RGMB Antibody**

Rabbit polyclonal antibody to RGMB Catalog # AP59957

### **Specification**

## **Anti-RGMB Antibody - Product Information**

Application WB
Primary Accession Q6NW40
Other Accession Q7TQ33
Reactivity Human, Mouse, Rat, Monkey

Host Rabbit
Clonality Polyclonal
Calculated MW 47547

# **Anti-RGMB Antibody - Additional Information**

Gene ID 285704

#### **Other Names**

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

# **Target/Specificity**

Recognizes endogenous levels of RGMB protein.

#### **Dilution**

WB~~WB (1/500 - 1/1000)

#### **Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

#### Storage

Store at -20 °C. Stable for 12 months from date of receipt

### **Anti-RGMB Antibody - 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}

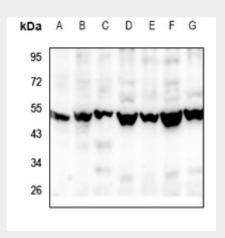


# **Anti-RGMB Antibody - Protocols**

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

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

## **Anti-RGMB Antibody - Images**



Western blot analysis of RGMB expression in mouse brain (A), rat brain (B), Hela (C), HCT116 (D), A2780 (E), PC3 (F), SGC7901 (G) whole cell lysates.

# **Anti-RGMB Antibody - Background**

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human RGMB. The exact sequence is proprietary.