

Rabbit anti-Human, Mouse RGMB Polyclonal Antibody | anti-RGMB antibody

RGMB Antibody

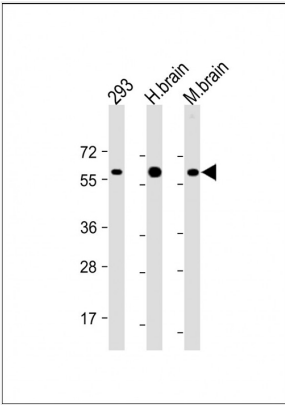
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290855	Rabbit	Human, Mouse	ELISA, Western Blot

PRODUCT SYNONYMS

RGMB; Polyclonal Antibody; RGMB Antibody; RGM domain family member B; DRG11-responsive axonal guidance and outgrowth of neurite; DRAGON; anti-RGMB antibody

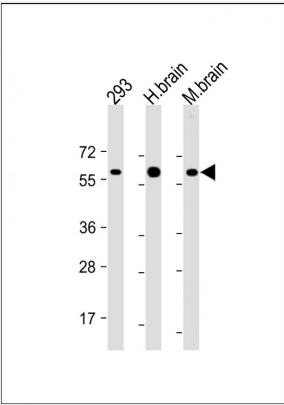
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	Ig
Specificity	This RGMB antibody is generated from a rabbit immunized with a recombinant protein of human RGMB.
Form/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.
Sequence Length	478
Applicable Applications for anti-RGMB antibody	ELISA, WB (Western Blot)
Antigen Type	Recombinant Protein
Antigen Source	Human
Cellular Location	Cell membrane; Lipid-anchor, GPI-anchor. Membrane raft
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)

All lanes : Anti-RGMB Antibody at 1:2000 dilution
Lane 1: 293 whole cell lysate
Lane 2: Human brain lysate
Lane 3: Mouse brain lysate
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.
Predicted band size : 48 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.



WB (Western Blot)

All lanes : Anti-RGMB Antibody at 1:2000 dilution
Lane 1: U-251 MG whole cell lysate
Lane 2: 293 whole cell lysate
Lane 3: Human brain lysate
Lane 4: Mouse brain lysate
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.
Predicted band size : 48 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-RGMB antibody	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.
Product Categories/Family for anti-RGMB antibody	Primary Antibodies; Neuroscience; Stem Cells
References	Ota T.,et al.Nat. Genet. 36:40-45 (2004). Schmutz J.,et al.Nature 431:268-274 (2004). Liu X.,et al.Biochem. Biophys. Res. Commun. 382:795-800 (2009). Bell C.H.,et al.Science 341:77-80 (2013).

NCBI AND UNIPROT INFORMATION

NCBI GI #	224589135
NCBI GeneID	285704
NCBI Accession #	NP_001012779.2
NCBI GenBank Nucleotide #	NM_001012761.2
UniProt Accession #	Q6NW40; Q8NC92; D6R9A0
Molecular Weight	47547 Da
NCBI Official Full Name	RGM domain family member B
NCBI Official Synonym Full Names	repulsive guidance molecule family member b
NCBI Official Symbol	RGMB
NCBI Official Synonym Symbols	DRAGON
NCBI Protein Information	RGM domain family member B
UniProt Protein Name	RGM domain family member B
UniProt Gene Name	RGMB
UniProt Synonym Gene Names	DRAGON

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

