

Rabbit anti-Human, mouse DRAGON (RGMB) Polyclonal Antibody | anti-RGMB antibody

DRAGON (RGMB) Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285710	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

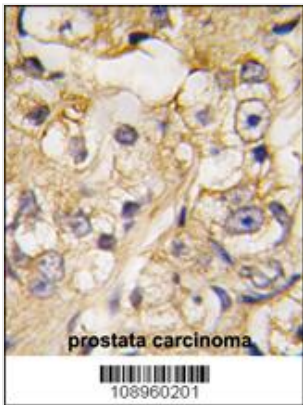
PRODUCT SYNONYMS

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

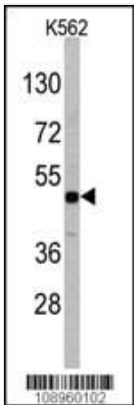
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DRAGON (RGMB) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 278-309 amino acids from the Central region of human DRAGON (RGMB).
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	278-309
Sequence Length	478
Applicable Applications for anti-RGMB antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human prostata carcinoma tissue reacted with DRAGON (RGMB) Antibody (Center) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of DRAGON (RGMB) Antibody (Center) in K562 cell line lysates (35ug/lane). DRAGON (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-RGMB antibody	Repulsive Guidance Molecule B (RGMB) is primarily expressed in the central nervous system. RGM A and B both appear at every level of the developing neural axis, where they colocalize to a large extent in the mantle layer, although only RGMA appears in the neuroepithelium, and only RGMB in the peripheral nervous system. During development, both RGMA and B appear also in lung and in limb cartilage, while RGMB has additional expression domains in pancreas.
Product Categories/Family for anti-RGMB antibody	Neuroscience; Signal Transduction
References	Schnichels,S., Gene Expr. Patterns 8 (1), 1-11 (2007) Metzger,M., Dev. Dyn. 234 (1), 169-175 (2005) Xia,Y., Endocrinology 146 (8), 3614-3621 (2005)

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
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dragon-rgmb-antibody-immunohistochemistry-western-blot-elisa/285710>