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

SEMA4B Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21616b

Product Information

Application	WB, E
Primary Accession	Q9NPR2
Reactivity	Human, Rat, Mouse
Predicted	Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB53242
Calculated MW	92766

Additional Information

Gene ID	10509
Other Names	Semaphorin-4B, SEMA4B, KIAA1745, SEMAC
Target/Specificity	This SEMA4B antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 371-405 amino acids from the C-terminal region of human SEMA4B.
Dilution	WB~~1:2000 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	SEMA4B Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	SEMA4B (HGNC:10730)
Function	Inhibits axonal extension by providing local signals to specify territories inaccessible for growing axons.
Cellular Location	Membrane; Single-pass type I membrane protein.

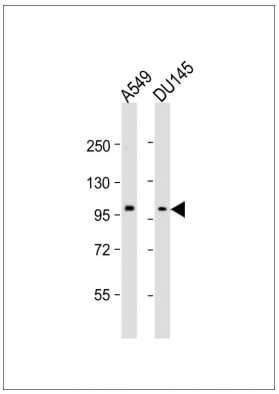
Background

Inhibits axonal extension by providing local signals to specify territories inaccessible for growing axons.

References

White J.R.,et al.Submitted (OCT-2003) to the EMBL/GenBank/DDBJ databases.
Nagase T.,et al.DNA Res. 7:347-355(2000).
Clark H.F.,et al.Genome Res. 13:2265-2270(2003).
Zody M.C.,et al.Nature 440:671-675(2006).
Zhang Z.,et al.Protein Sci. 13:2819-2824(2004).

Images



All lanes : Anti-SEMA4B Antibody (C-term) at 1:2000 dilution Lane 1: A549 whole cell lysates Lane 2: DU145 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 92 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.