

SEMA4B antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI13034

Product Information

Application	WB
Primary Accession	Q9NPR2
Other Accession	NM_020210 , NP_064595
Reactivity	Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	92766

Additional Information

Gene ID	10509
Alias Symbol Other Names	KIAA1745, MGC131831, SEMAC, SemC Semaphorin-4B, SEMA4B, KIAA1745, SEMAC
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-SEMA4B antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	SEMA4B antibody - N-terminal region 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.

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



WB Suggested Anti-SEMA4B Antibody Titration: 0.2-1
µg/ml
Positive Control: Human brain

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