

SEMA4B antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI13034**Specification**

SEMA4B antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q9NPR2
Other Accession	NM_020210 , NP_064595
Reactivity	Human, Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	93kDa KDa

SEMA4B antibody - N-terminal region - Additional Information**Gene ID** 10509

Alias Symbol	KIAA1745, MGC131831, SEMAC, SemC
Other Names	
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.

SEMA4B antibody - N-terminal region - Protein Information**Name** SEMA4B ([HGNC:10730](#))**Function**

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

Cellular Location

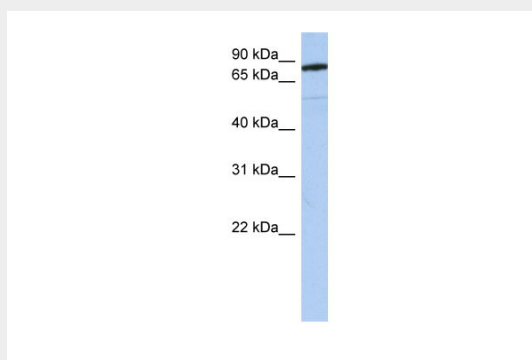
Membrane; Single-pass type I membrane protein.

SEMA4B antibody - N-terminal region - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SEMA4B antibody - N-terminal region - Images



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

SEMA4B antibody - N-terminal region - 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).