

**SEMA4B Antibody (C-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP21616b**

**Specification**

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**SEMA4B Antibody (C-term) - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB,E                   |
| Primary Accession | <a href="#">O9NPR2</a> |
| Reactivity        | Human                  |
| Host              | Rabbit                 |
| Clonality         | polyclonal             |
| Isotype           | Rabbit IgG             |
| Calculated MW     | 92766                  |

**SEMA4B Antibody (C-term) - 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

**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.

**SEMA4B Antibody (C-term) - Protein Information**

**Name** SEMA4B ([HGNC:10730](#))

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

**Cellular Location**

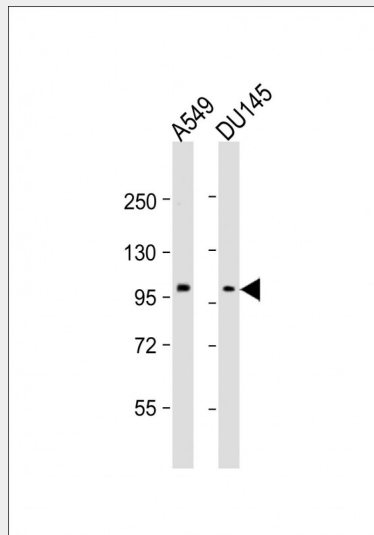
Membrane; Single-pass type I membrane protein.

### SEMA4B Antibody (C-term) - 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 (C-term) - 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.

### SEMA4B Antibody (C-term) - Background

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

### SEMA4B Antibody (C-term) - 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).