

**SEMA3D Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP16442B****Specification**

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**SEMA3D Antibody (C-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O95025</a>
Other Accession	<a href="#">Q8BH34</a> , <a href="#">NP_689967.2</a>
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	89651
Antigen Region	611-640

**SEMA3D Antibody (C-term) - Additional Information****Gene ID** 223117**Other Names**

Semaphorin-3D, SEMA3D

**Target/Specificity**

This SEMA3D antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 611-640 amino acids from the C-terminal region of human SEMA3D.

**Dilution**

WB~~1:1000

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**

SEMA3D Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**SEMA3D Antibody (C-term) - Protein Information****Name** SEMA3D

**Function** Induces the collapse and paralysis of neuronal growth cones. Could potentially act as repulsive cues toward specific neuronal populations. Binds to neuropilin (By similarity).

**Cellular Location**

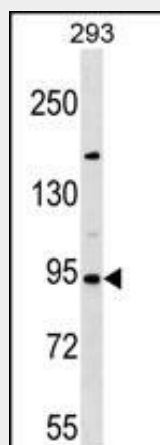
Secreted.

**SEMA3D 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](#)

**SEMA3D Antibody (C-term) - Images**



SEMA3D Antibody (C-term) (Cat. #AP16442b) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the SEMA3D antibody detected the SEMA3D protein (arrow).

**SEMA3D Antibody (C-term) - Background**

Induces the collapse and paralysis of neuronal growth cones. Could potentially act as repulsive cues toward specific neuronal populations. Binds to neuropilin (By similarity).

**SEMA3D Antibody (C-term) - References**

Fujii, T., et al. J Psychiatr Res (2010) In press :  
Gregorio, S.P., et al. Psychiatry Res 165 (1-2), 1-9 (2009) :  
Kigel, B., et al. PLoS ONE 3 (9), E3287 (2008) :  
Lallier, T.E. J. Dent. Res. 83(9):677-682(2004)  
Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)