

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

Specification

SEMA3D Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O95025
Other Accession	Q8BH34 , NP_689967.2
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

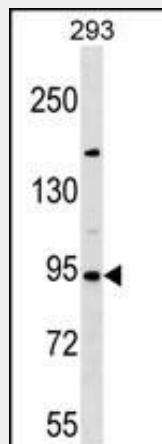
Secreted.

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)