

SEMA4F Antibody (C-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AW5403

Specification

SEMA4F Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O95754
Other Accession	O9Z143 , O9Z123
Reactivity	Human, Rat
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	H=84,66;M=84;R=84 KDa
Isotype	Rabbit IgG
Antigen Source	HUMAN

SEMA4F Antibody (C-term) - Additional Information

Gene ID 10505

Antigen Region
695-709

Other Names
Semaphorin-4F, Semaphorin-M, Sema M, Semaphorin-W, Sema W, SEMA4F, SEMAM, SEMAW

Dilution
WB~~1:1000

Target/Specificity
This SEMA4F antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 695-709 amino acids from the C-terminal region of human SEMA4F.

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
SEMA4F Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

SEMA4F Antibody (C-term) - Protein Information

Name SEMA4F

Synonyms SEMAM, SEMAW

Function

Probable cell surface receptor that regulates oligodendroglial precursor cell migration (By similarity). Might also regulate differentiation of oligodendroglial precursor cells (By similarity). Has growth cone collapse activity against retinal ganglion-cell axons (By similarity).

Cellular Location

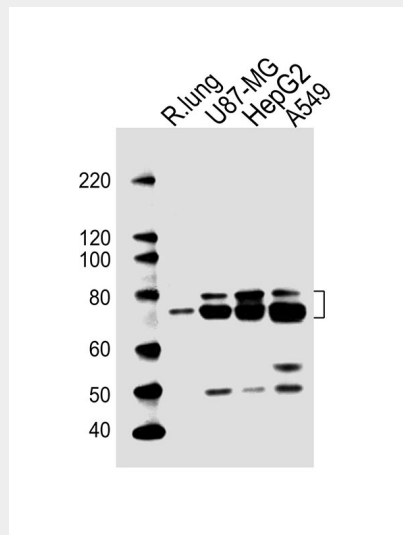
Cell membrane; Single-pass type I membrane protein. Postsynaptic density {ECO:0000250|UniProtKB:Q9Z143}. Perikaryon {ECO:0000250|UniProtKB:Q9Z123}. Cell projection, dendrite {ECO:0000250|UniProtKB:Q9Z123}. Note=Colocalizes with DLG4 at synapses {ECO:0000250|UniProtKB:Q9Z123}

SEMA4F 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](#)

SEMA4F Antibody (C-term) - Images



All lanes : Anti-SEMA4F Antibody (C-term) at 1:1000 dilution Lane 1: rat lung lysates Lane 2: U87-MG whole cell lysates Lane 3: HepG2 whole cell lysates Lane 4: A549 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 : 84 kDa Blocking/Dilution buffer: 5% NFDN/TBST.

SEMA4F Antibody (C-term) - Background

Has growth cone collapse activity against retinal ganglion-cell axons (By similarity).

SEMA4F Antibody (C-term) - References

Encinas J.A.,et al.Proc. Natl. Acad. Sci. U.S.A. 96:2491-2496(1999).

Wiemann S.,et al.Genome Res. 11:422-435(2001).

Otsuki T.,et al.DNA Res. 12:117-126(2005).

Hillier L.W.,et al.Nature 434:724-731(2005).

Jang W.,et al.Submitted (MAR-1998) to the EMBL/GenBank/DDBJ databases.