

Anti-Semaphorin 4C Antibody
Rabbit polyclonal antibody to Semaphorin 4C
Catalog # AP61124**Specification**

Anti-Semaphorin 4C Antibody - Product Information

Application	WB
Primary Accession	O9C0C4
Other Accession	Q64151
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	92623

Anti-Semaphorin 4C Antibody - Additional Information**Gene ID** 54910**Other Names**

KIAA1739; SEMAI; Semaphorin-4C

Target/Specificity

Recognizes endogenous levels of Semaphorin 4C protein.

Dilution

WB~~WB (1/500 - 1/1000)

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-Semaphorin 4C Antibody - Protein Information**Name** SEMA4C**Synonyms** KIAA1739, SEMAI**Function**

Cell surface receptor for PLXNB2 that plays an important role in cell-cell signaling. PLXNB2 binding promotes downstream activation of RHOA and phosphorylation of ERBB2 at 'Tyr-1248'. Required for normal brain development, axon guidance and cell migration (By similarity). Probable signaling receptor which may play a role in myogenic differentiation through activation of the stress-activated MAPK cascade.

Cellular Location

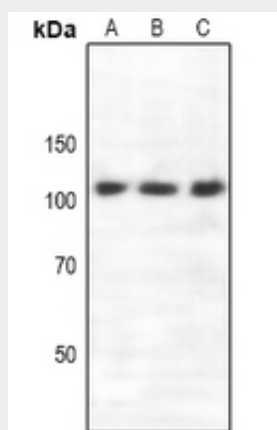
Postsynaptic density membrane; Single-pass type I membrane protein. Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane; Single-pass type I membrane protein

Anti-Semaphorin 4C Antibody - 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](#)

Anti-Semaphorin 4C Antibody - Images



Western blot analysis of Semaphorin 4C expression in A549 (A), mouse brain (B), rat brain (C) whole cell lysates.

Anti-Semaphorin 4C Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Semaphorin 4C. The exact sequence is proprietary.