

SEMA4C Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP13003b**Specification**

SEMA4C Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [O9C0C4](#)**SEMA4C Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 54910**Other Names**

Semaphorin-4C, SEMA4C, KIAA1739, SEMAI

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

SEMA4C Antibody (C-term) Blocking peptide - 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

SEMA4C Antibody (C-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

SEMA4C Antibody (C-term) Blocking peptide - Images

SEMA4C Antibody (C-term) Blocking peptide - Background

Probable signaling receptor which may play a role in myogenic differentiation through activation of the stress-activated MAPK cascade.

SEMA4C Antibody (C-term) Blocking peptide - References

Wu, H., et al. Eur. J. Cell Biol. 86(6):331-344(2007)Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)Inagaki, S., et al. J. Biol. Chem. 276(12):9174-9181(2001)Ohoka, Y., et al. Biochem. Biophys. Res. Commun. 280(1):237-243(2001)Wang, L.H., et al. J. Biol. Chem. 274(20):14137-14146(1999)