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SEMA4C Antibody (C-term) Blocking peptide

Synthetic peptide
Catalog # BP13003b

Specification

SEMA4C Antibody (C-term) Blocking peptide - Product Information

Primary Accession Q9C0C4

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)