10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

SEMA3B Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP6742b

Specification

SEMA3B Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q13214

SEMA3B Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 7869

Other Names
Semaphorin-3B, Sema A(V), Semaphorin-V, Sema V, SEMA3B, SEMA5, SEMAA

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP6742b was selected from the C-term region of human SEMA3B. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

SEMA3B Antibody (C-term) Blocking Peptide - Protein Information

Name SEMA3B

Synonyms SEMA5, SEMAA

Function
Inhibits axonal extension by providing local signals to specify territories inaccessible for growing axons.

Cellular Location
Secreted. Endoplasmic reticulum. Note=Accumulates in the endoplasmic reticulum

Tissue Location
Expressed abundantly but differentially in a variety of neural and nonneural tissues

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SEMA3B Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

SEMA3B Antibody (C-term) Blocking Peptide - Images

SEMA3B Antibody (C-term) Blocking Peptide - Background

The semaphorin/collapsin family of molecules plays a critical role in the guidance of growth cones during neuronal development. The secreted protein is important in axonal guidance and has been shown to act as a tumor suppressor by inducing apoptosis.

SEMA3B Antibody (C-term) Blocking Peptide - References

Beuten,J., J. Urol. 182 (4), 1614-1620 (2009)Castro-Rivera,E., Cancer Res. 68 (20), 8295-8303 (2008)