

PLXNC1 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP13576b**Specification**

PLXNC1 Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [O60486](#)**PLXNC1 Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 10154**Other Names**

Plexin-C1, Virus-encoded semaphorin protein receptor, CD232, PLXNC1, VESPR

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13576b was selected from the C-term region of PLXNC1. 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.

PLXNC1 Antibody (C-term) Blocking peptide - Protein Information**Name** PLXNC1**Synonyms** VESPR**Function**

Receptor for SEMA7A, for smallpox semaphorin A39R, vaccinia virus semaphorin A39R and for herpesvirus Sema protein. Binding of semaphorins triggers cellular responses leading to the rearrangement of the cytoskeleton and to secretion of IL6 and IL8 (By similarity).

Cellular Location

Membrane; Single-pass type I membrane protein

Tissue Location

Detected in heart, brain, lung, spleen and placenta.

PLXNC1 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

PLXNC1 Antibody (C-term) Blocking peptide - Images**PLXNC1 Antibody (C-term) Blocking peptide - Background**

PLXNC1 is a receptor for vaccinia virus semaphorin A39R and for herpesvirus Sema protein. Binding of viral semaphorins triggers cellular responses leading to the rearrangement of the cytoskeleton and to secretion of IL6 and IL8 (By similarity).

PLXNC1 Antibody (C-term) Blocking peptide - References

Liu, H., et al. Cell 142(5):749-761(2010)Lazova, R., et al. Am J Dermatopathol 31(2):177-181(2009)Scott, G.A., et al. J. Invest. Dermatol. 129(4):954-963(2009)Scott, G.A., et al. J. Invest. Dermatol. 128(1):151-161(2008)Li, Y., et al. PLoS ONE 3 (7), E2707 (2008) :