

**SLIT1 Antibody (N-term) Blocking peptide**  
Synthetic peptide  
Catalog # BP13374a

**Specification**

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**SLIT1 Antibody (N-term) Blocking peptide - Product Information**

Primary Accession [O75093](#)

**SLIT1 Antibody (N-term) Blocking peptide - Additional Information**

Gene ID 6585

**Other Names**

Slit homolog 1 protein, Slit-1, Multiple epidermal growth factor-like domains protein 4, Multiple EGF-like domains protein 4, SLIT1, KIAA0813, MEGF4, SLIL1

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody AP13374a was selected from the N-term region of SLIT1. 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.

**SLIT1 Antibody (N-term) Blocking peptide - Protein Information**

Name SLIT1

Synonyms KIAA0813, MEGF4, SLIL1

**Function**

Thought to act as molecular guidance cue in cellular migration, and function appears to be mediated by interaction with roundabout homolog receptors. During neural development involved in axonal navigation at the ventral midline of the neural tube and projection of axons to different regions (By similarity). SLIT1 and SLIT2 together seem to be essential for midline guidance in the forebrain by acting as repulsive signal preventing inappropriate midline crossing by axons projecting from the olfactory bulb.

**Cellular Location**

Secreted.

**Tissue Location**

Predominantly expressed in adult forebrain. Expressed in fetal brain, lung and kidney

**SLIT1 Antibody (N-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**SLIT1 Antibody (N-term) Blocking peptide - Images****SLIT1 Antibody (N-term) Blocking peptide - Background**

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**SLIT1 Antibody (N-term) Blocking peptide - References**

Marlow, R., et al. Cancer Res. 68(19):7819-7827(2008)Hussain, S.A., et al. J. Biol. Chem. 281(51):39693-39698(2006)Lin, L., et al. Stem Cells 24(11):2504-2513(2006)Lim, J., et al. Cell 125(4):801-814(2006)Grupe, A., et al. Am. J. Hum. Genet. 78(1):78-88(2006)