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

Roundabout 4 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP5099a

Specification

Roundabout 4 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q8WZ75

Roundabout 4 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 54538

Other Names
Roundabout homolog 4, Magic roundabout, ROBO4

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.

Roundabout 4 Antibody (N-term) Blocking Peptide - Protein Information

Name ROBO4

Function
Receptor for Slit proteins, at least for SLIT2, and seems to be involved in angiogenesis and vascular patterning. May mediate the inhibition of primary endothelial cell migration by Slit proteins (By similarity). Involved in the maintenance of endothelial barrier organization and function (PubMed:30455415).

Tissue Location
Specifically expressed in endothelial cells. Expressed in endothelial and intimal cells of the ascending aorta (PubMed:30455415).

Roundabout 4 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

Roundabout 4 Antibody (N-term) Blocking Peptide - Images

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Roundabout 4 Antibody (N-term) Blocking Peptide - Background

Roundabout 4 is receptor for Slit proteins, at least for SLIT2, and seems to be involved in angiogenesis and vascular patterning. This protein may mediate the inhibition of primary endothelial cell migration by Slit proteins.

Roundabout 4 Antibody (N-term) Blocking Peptide - References

Jones, C.A., et al. Nat. Cell Biol. 11(11):1325-1331(2009)Sheldon, H., et al. FASEB J. 23(2):513-522(2009)Huang, L., et al. Mol. Vis. 15, 1057-1069 (2009)