

EDG6 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP6142a**Specification**

EDG6 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession [O95977](#)
Other Accession [NP_003766](#)

EDG6 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 8698

Other Names

Sphingosine 1-phosphate receptor 4, S1P receptor 4, S1P4, Endothelial differentiation G-protein coupled receptor 6, Sphingosine 1-phosphate receptor Edg-6, S1P receptor Edg-6, S1PR4, EDG6

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP6142a](/product/products/AP6142a) was selected from the N-term region of human EDG6 . 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.

EDG6 Antibody (N-term) Blocking Peptide - Protein Information

Name S1PR4

Synonyms EDG6

Function

Receptor for the lysosphingolipid sphingosine 1-phosphate (S1P). S1P is a bioactive lysophospholipid that elicits diverse physiological effect on most types of cells and tissues. May be involved in cell migration processes that are specific for lymphocytes.

Cellular Location

Cell membrane; Multi-pass membrane protein.

Tissue Location

Specifically expressed in fetal and adult lymphoid and hematopoietic tissue as well as in lung. Considerable level of expression in adult and fetal spleen as well as adult peripheral leukocytes and lung. Lower expression in adult thymus, lymph node, bone marrow, and appendix as well as in fetal liver, thymus, and lung

EDG6 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

EDG6 Antibody (N-term) Blocking Peptide - Images

EDG6 Antibody (N-term) Blocking Peptide - Background

EDG6 is a member of the G protein-coupled receptors, as well as the EDG family of proteins. It participates in endothelial differentiation, and may regulate lymphocyte cell signaling. It is a member of the lysophospholipid/lysosphingolipid receptor family.

EDG6 Antibody (N-term) Blocking Peptide - References

Contos, J.J., et al., FEBS Lett. 531(1):99-102 (2002). Yamazaki, Y., et al., Biochem. Biophys. Res. Commun. 268(2):583-589 (2000). Graler, M.H., et al., Genomics 53(2):164-169 (1998).