S1PR3 polyclonal antibody

Catalog # PAB10374 Size 100 ug

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of S1PR3.
Immunogen	A synthetic peptide corresponding to C-terminus of human S1PR3.
Host	Rabbit
Reactivity	Human
Form	Liquid
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	Western blot (5 to 10 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.08% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot

Gene Info — S1PR3

Entrez GeneID	1903
Gene Name	S1PR3

Gene Alias	EDG-3, EDG3, FLJ37523, FLJ93220, LPB3, MGC71696, S1P3
Gene Description	sphingosine-1-phosphate receptor 3
Omim ID	601965
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the EDG family of receptors, which are G protein-coupled receptors. This protein has been identified as a functional receptor for sphingosine 1-phosphate and likely contributes to the regulation of angiogenesis and vascular endothelial cell function. [provided by RefSeq
Other Designations	G protein-coupled receptor, endothelial differentiation gene-3|OTTHUMP00000021612|S1P receptor EDG3|endothelial differentiation, sphingolipid G-protein-coupled receptor, 3|sphingosine 1-phosphate receptor 3

Publication Reference

- Diversity of cellular receptors and functions for the lysophospholipid growth factors lysophosphatidic acid and sphingosine 1-phosphate.

  Goetzl EJ, An S.

  FASEB Journal 1998 Dec; 12(15):1589.

- Signaling mechanisms and molecular characteristics of G protein-coupled receptors for lysophosphatidic acid and sphingosine 1-phosphate.

  An S, Goetzl EJ, Lee H.

  Journal of Cellular Biochemistry. Supplement 1998 Dec; 30:147.

Pathway

- Neuroactive ligand-receptor interaction

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema