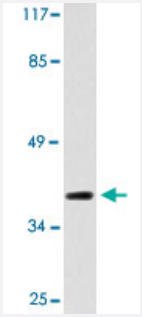
S1PR3 polyclonal antibody

Catalog # PAB25114 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of Jurkat cell lysate with S1PR3 polyclonal antibody (Cat # PAB25114).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of S1PR3.
Immunogen	A synthetic peptide corresponding to S1PR3.
Host	Rabbit
Theoretical MW (kDa)	40
Reactivity	Human
Specificity	S1PR3 polyclonal antibody detects endogenous levels of S1PR3 protein.
Form	Liquid
Purification	Affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) Immunofluorescence (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (0.05% sodium azide)

Storage Instruction	Store at 4°C. For long term storage 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 (Cell lysate)

  Western blot analysis of Jurkat cell lysate with S1PR3 polyclonal antibody (Cat # PAB25114).

- Immunofluorescence

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 recept ors. This protein has been identified as a functional receptor for sphingosine 1-phosphate and lik ely contributes to the regulation of angiogenesis and vascular endothelial cell function. [provided b y RefSeq
Other Designations	G protein-coupled receptor, endothelial differentiation gene-3|OTTHUMP00000021612|S1P rece ptor EDG3|endothelial differentiation, sphingolipid G-protein-coupled receptor, 3|sphingosine 1-p hosphate receptor 3

Publication Reference

- Chromosome 12 Open Reading Frame 49 Promotes Tumor Growth and Predicts Poor Prognosis in Colorectal Cancer.

  Yiming Tao, Jia Luo, Hongyi Zhu, Yi Chu, Lei Pei.

  Digestive Diseases and Sciences 2023 Apr; 68(4):1306.

  Application: WB-Ce, Human, Human colorectal cancer tumor, LoVo cells

Pathway

- Neuroactive ligand-receptor interaction

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema