

For Research Use Only

S1PR5/EDG8 Polyclonal antibody

Catalog Number: 13874-1-AP

2 Publications



Basic Information

Catalog Number:

13874-1-AP

Size:

150ul, Concentration: 350 µg/ml by Nanodrop and 200 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4928

GenBank Accession Number:

BC034703

GeneID (NCBI):

53637

UNIPROT ID:

Q9H228

Full Name:

sphingosine-1-phosphate receptor 5

Calculated MW:

398 aa, 42 kDa

Observed MW:

50-55 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

human, mouse

Positive Controls:

WB : mouse brain tissue, HEK-293 cells, HeLa cells, Jurkat cells, K-562 cells

Background Information

Sphingosine 1-phosphate (S1P) is a biologically active lysophospholipid that elicits diverse physiological effects on most types of cells and tissues via five G protein-coupled receptors, S1PR1 to S1PR5. S1PRs differ in their tissue expression and cell lineage: S1PR1-3 are expressed throughout the immune, central nervous system (CNS), and cardiovascular system; S1PR4 is primarily expressed in lymphoid tissue; and S1PR5 is a predominant receptor in CNS white matter, spleen and natural killer cells (PMID: 21707490). S1PR5 (also known as EDG8) has been involved in the trafficking of NK cells and monocytes (PMID: 21911833; 23519784).

Notable Publications

Author	Pubmed ID	Journal	Application
Dianna Liu	35210754	Drug Des Devel Ther	WB
Rie Matsushima-Nishiwaki	30543684	PLoS One	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

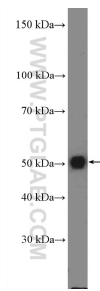
For technical support and original validation data for this product please contact:

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E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 13874-1-AP (S1PR5/EDG8 antibody at dilution of 1:600 incubated at room temperature for 1.5 hours.