

For Research Use Only

# S1PR5/EDG8 Polyclonal antibody

Catalog Number: 13874-1-AP

3 Publications



## Basic Information

Catalog Number:

13874-1-AP

Concentration:

350 µg/ml

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
Marta Puig-Gómez	40155684	Sci Rep	WB

## Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

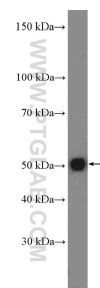
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.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.