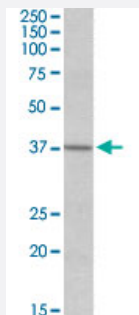


S1PR2 polyclonal antibody

Catalog # PAB19049

Size 100 ug

Applications



Western Blot (Tissue lysate)

S1PR2 polyclonal antibody (Cat # PAB19049) (0.5 ug/mL) staining of human frontal cortex lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of S1PR2.
Immunogen	A synthetic peptide corresponding to amino acids at internal region of human S1PR2.
Sequence	C-NYTKETLETQ
Host	Goat
Theoretical MW (kDa)	37
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:32000) Western Blot (0.5-1.5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH7.3 (0.5% BSA, 0.02% 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 should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — S1PR2

Entrez GeneID[9294](#)**Protein Accession#**[NP_004221.3](#)**Gene Name**

S1PR2

Gene Alias

AGR16, EDG-5, EDG5, Gpcr13, H218, LPB2, S1P2

Gene Description

sphingosine-1-phosphate receptor 2

Omim ID[605111](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a member of the G protein-coupled receptors, as well as the EDG family of proteins. This protein participates in sphingosine 1-phosphate-induced cell proliferation, survival, and transcriptional activation [provided by RefSeq]

Other Designations

S1P receptor EDG5|endothelial differentiation, sphingolipid G-protein-coupled receptor, 5|sphingosine 1-phosphate receptor 2

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Atherosclerosis](#)
- [Calcinosis](#)
- [Coronary Artery Disease](#)