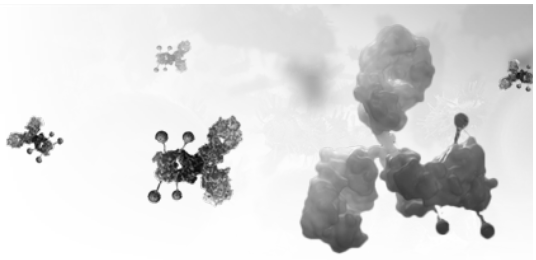

Anti-S1PR1 (aa 359-372) polyclonal antibody (DPABH-27346)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Receptor for the lysosphingolipid sphingosine 1-phosphate (S1P). S1P is a bioactive lysophospholipid that elicits diverse physiological effect on most types of cells and tissues. This inducible epithelial cell G-protein-coupled receptor may be involved in the processes that regulate the differentiation of endothelial cells. Seems to be coupled to the G(i) subclass of heteromeric G proteins.
Specificity	DPABH-27346 detects S1P1 protein (EDG1) in transfected human cell samples. This antibody shows no cross-reactivity to S1P3.
Immunogen	Synthetic peptide corresponding to Mouse EDG1 aa 359-372.Sequence: SHPQKDDGDNPETI
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	ICC/IF, WB, IP, Flow Cyt, IHC-P
Format	Liquid
Size	50 µg
Buffer	Constituents: 99% PBS, 0.5% BSA
Preservative	0.05% Sodium Azide

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Storage	Shipped at 4°C. Store at 4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

GENE INFORMATION

Gene Name	S1PR1 sphingosine-1-phosphate receptor 2 [Mus musculus]
Official Symbol	S1PR1
Synonyms	S1PR1; sphingosine-1-phosphate receptor 1; S1p; Edg1; Lpb1; S1p1; AI849002; sphingosine 1-phosphate receptor 1; S1P receptor 1; S1P receptor Edg-1; lysophospholipid receptor B1; sphingosine 1-phosphate receptor Edg-1; endothelial differentiation G-protein coupled receptor 1; endothelial differentiation sphingolipid G-protein-coupled receptor 1;
Entrez Gene ID	13609
Protein Refseq	NP_031927.2
UniProt ID	O08530
Pathway	Class A/1 (Rhodopsin-like receptors); G alpha (i) signalling events; GPCR ligand binding; Lysosphingolipid and LPA receptors
Function	G-protein coupled receptor activity; signal transducer activity; sphingolipid binding; sphingosine-1-phosphate receptor activity

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