



Anti-S1PR3 (N-terminal) polyclonal antibody (CPBT-33212RH)

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

PRODUCT INFORMATION

Product Overview	Rabbit Polyclonal antibody to Human S1PR3.
Antigen Description	This gene encodes a member of the EDG family of receptors, which are G protein-coupled receptors. This protein has been identified as a functional receptor for sphingosine 1-phosphate and likely contributes to the regulation of angiogenesis and vascular endothelial cell function.
Specificity	Expressed in all tissues, but most abundantly in heart, placenta, kidney, and liver.
Immunogen	Synthetic peptide: QPVRGNETLREHYQYVGKLAGconjugated to KLH, corresponding to N terminal amino acids 10/30 of Human EDG3
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Human
Purification	Protein G purified
Conjugate	Unconjugated
Applications	ELISA, WB
Sequence Similarities	Belongs to the G-protein coupled receptor 1 family.
Cellular Localization	Cell membrane.
Format	Liquid
Size	100 µg

Buffer	Preservative: 0.05% Sodium Azide Constituents: PBS
Preservative	0.05% Sodium Azide
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	S1PR3 sphingosine-1-phosphate receptor 3 [Homo sapiens]
Official Symbol	S1PR3
Synonyms	S1PR3; sphingosine-1-phosphate receptor 3; EDG3,endothelial differentiation, sphingolipid G protein coupled receptor, 3; sphingosine 1-phosphate receptor 3; EDG 3; sphingosine 1 phosphate receptor 3; EDG 3; EDG3; Endothelial differentiation G protein coupled receptor 3; Endothelial differentiation G-protein coupled receptor 3; Endothelial differentiation gene 3; Endothelial differentiation sphingolipid G protein coupled receptor 3; FLJ37523; FLJ93220; G protein coupled receptor endothelial differentiation gene 3; LPB 3; LPB3; MGC71696; OTTHUMP00000215691; S1P receptor 3; S1P receptor Edg 3; S1P receptor Edg-3; S1P receptor EDG3; S1P3; S1PR3; S1PR3_HUMAN; Sphingosine 1 phosphate receptor 3; Sphingosine 1 phosphate receptor Edg 3; Sphingosine 1 phosphate receptor Edg3; Sphingosine 1-phosphate receptor 3; Sphingosine 1-phosphate receptor Edg-3; S1P receptor 3; S1P receptor EDG3; OTTHUMP00000215691; S1P receptor Edg-3; sphingosine 1-phosphate receptor Edg-3; endothelial differentiation G-protein coupled receptor 3; G protein-coupled receptor, endothelial differentiation gene-3; endothelial differentiation, sphingolipid G-protein-coupled receptor, 3; EDG3; LPB3; S1P3; EDG-3;
Entrez Gene ID	1903
Protein Refseq	NP_005217
UniProt ID	Q99500
Chromosome Location	9q22.1-q22.2
Pathway	Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; G alpha (i) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; Lysosphingolipid and LPA receptors, organism-specific biosystem; Neuroactive ligand-receptor interaction, organism-specific biosystem; Neuroactive ligand-receptor interaction, conserved biosystem; S1P3 pathway, organism-specific biosystem; Signal Transduction, organi
Function	G-protein coupled receptor activity; lipid binding; lysosphingolipid and lysophosphatidic acid receptor activity; receptor activity; signal transducer activity;