

Rabbit S1PR1 / EDG1 / S1P1 Polyclonal Antibody | anti-S1PR1 antibody

Rabbit Polyclonal to Human S1PR1 / EDG1 / S1P1

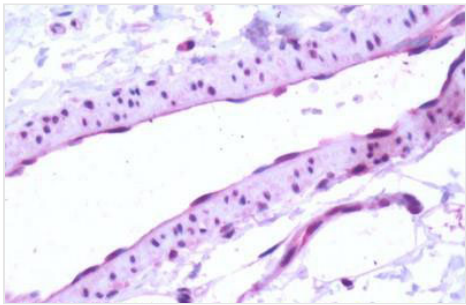
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51764	Rabbit	Human Predicted Reactivity: Gorilla, Orangutan, Gibbon, Monkey, Mouse, Rat, Bat, Bovine, Dog, Hamster, Horse, Xenopus (at least 90% immunogen sequence identity)	Immunohistochemistry

PRODUCT SYNONYMS

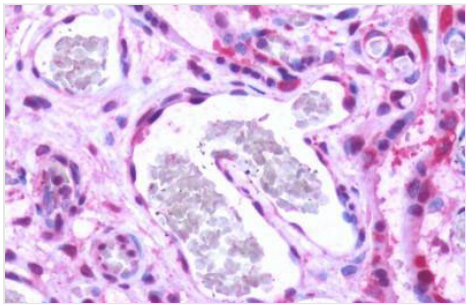
S1PR1 / EDG1 / S1P1; Polyclonal Antibody; Rabbit Polyclonal to Human S1PR1 / EDG1 / S1P1; Anti-S1PR1 / EDG1 / S1P1 Antibody (Cytoplasmic Domain) IHC-plus; S1PR1; CD363; CD363 antigen; CHEDG1; ECGF1; EDG-1; D1S3362; EDG1; S1P1; S1P receptor Edg-1; S1P receptor 1; Human S1PR1; anti-S1PR1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted Reactivity: Gorilla, Orangutan, Gibbon, Monkey, Mouse, Rat, Bat, Bovine, Dog, Hamster, Horse, Xenopus (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human S1PR1 / EDG1. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	382
Applicable Applications for anti-S1PR1 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 16 amino acid peptide from 1st cytoplasmic domain of human S1PR1 / EDG1. Percent identity with other species by BLAST analysis: Human, Platypus (100%); Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Mouse, Rat, Dog, Bat, Bovine, Hamster.
Immunogen Type	Synthetic peptide
Immunogen	S1PR1 / EDG1 / S1P1 antibody was raised against synthetic 16 amino acid peptide from 1st cytoplasmic domain of human S1PR1 / EDG1. Percent identity with other species by BLAST analysis: Human, Platypus (100%); Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Mouse, Rat, Dog, Bat, Bovine, Hamster, Panda, Horse, Opossum, Turkey, Lizard, Xenopus (94%); Shrew, Cat, Elephant, Pig (88%); Zebrafish (81%).
Antigen Modification	Cytoplasmic Domain
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C



IHC (Immunohistochemistry)
Human, Vascular Endothelium: Formalin-Fixed Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)
Human, Placenta: Formalin-Fixed Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-S1PR1 antibody	EDG1, a Lysophospholipid/Lysosphingolipid Receptor, binds sphingosine-1-phosphate and may control cell proliferation, survival, and suppression of apoptosis. Overexpression of EDG-1 leads to increased cell-cell aggregation and overexpression of cadherins.
Product Categories/Family for anti-S1PR1 antibody	Family: GPCR; Subfamily: Lysophospholipid/Lysosphingolipid

NCBI AND UNIPROT INFORMATION

NCBI GI #	13027636
NCBI GeneID	1901
NCBI Accession #	NP_001391.2
NCBI GenBank Nucleotide #	NM_001400.4
UniProt Accession #	P21453; Q9BYY4; Q9NYN8; D3DT66
Molecular Weight	42,811 Da
NCBI Official Full Name	sphingosine 1-phosphate receptor 1
NCBI Official Synonym Full Names	sphingosine-1-phosphate receptor 1
NCBI Official Symbol	S1PR1
NCBI Official Synonym Symbols	EDG1; S1P1; CD363; ECGF1; EDG-1; CHEDG1; D1S3362
NCBI Protein Information	sphingosine 1-phosphate receptor 1; S1P receptor 1; S1P receptor Edg-1; sphingosine 1-phosphate receptor EDG1; sphingosine 1-phosphate receptor Edg-1; endothelial differentiation G-protein coupled receptor 1; endothelial differentiation, sphingolipid G-protein-coupled receptor, 1
UniProt Protein Name	Sphingosine 1-phosphate receptor 1
UniProt Gene Name	S1PR1
UniProt Synonym Gene Names	CHEDG1; EDG1; S1P receptor 1; S1P1; S1P receptor Edg-1
UniProt Entry Name	S1PR1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.