

Rabbit S1PR1 Polyclonal Antibody | anti-S1PR1 antibody

S1PR1 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201280	Rabbit	Tested Reactivity: Human Predicted Reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat	Immunohistochemistry, Western Blot

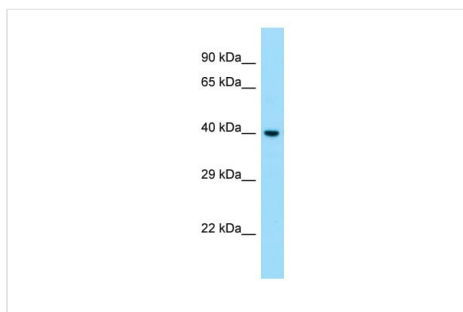
PRODUCT SYNONYMS

S1PR1; Polyclonal Antibody; S1PR1 antibody - C-terminal region; anti-S1PR1 antibody

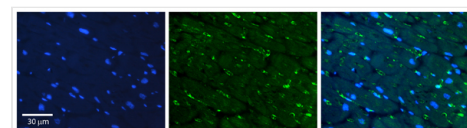
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Reactivity: Human Predicted Reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	Batch dependent within range: 100ul at 0.5-1mg/ml (varies by lot)
Sequence	SLVRTRSRRL TFRKNISKAS RSSEKSLALL KTVIIVLSVF IACWAPLFIL
Sequence Length	382
Applicable Applications for anti-S1PR1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%
Protein Size (# AA)	382 amino acids
Protein Interactions	UBC; CMSS1; WWP2; TRIP6; CAV1; HTR1D; PDGFRB; AKT1; GNAI3; GNAI1; HTR1A
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-S1PR1 Antibody Titration: 1.0 ug/ml Positive Control: Fetal Liver


IHC (Immunohistochemistry)

Rabbit Anti-S1PR1 Antibody Formalin Fixed Paraffin Embedded Tissue: Human heart
Tissue Observed Staining: Plasma membrane
Primary Antibody Concentration: 1:100
Other Working Concentrations: 1:600
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-S1PR1 antibody	This is a rabbit polyclonal antibody against S1PR1. It was validated on Western Blot Target Description: The protein encoded by this gene is structurally similar to G protein-coupled receptors and is highly expressed in endothelial cells. It binds the ligand sphingosine-1-phosphate with high affinity and high specificity, and suggested to be involved in the processes that regulate the differentiation of endothelial cells. Activation of this receptor induces cell-cell adhesion.
Product Categories/Family for anti-S1PR1 antibody	Polyclonal; Neuroscience; Various

NCBI AND UNIPROT INFORMATION

NCBI GI #	13027636
NCBI GeneID	1901
NCBI Accession #	NP_001391
NCBI GenBank Nucleotide #	NM_001400
UniProt Accession #	P21453
Molecular Weight	43kDa
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
UniProt Protein Name	Sphingosine 1-phosphate receptor 1
UniProt Gene Name	S1PR1
UniProt Synonym Gene Names	CHEDG1; EDG1; S1P receptor 1; S1P1
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/s1pr1-antibody-immunohistochemistry-western-blot-elisa/201280>