

Datasheet for ABIN6147349
anti-S1PR1 antibody (AA 303-382)



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1 Image

Overview

Quantity:	100 µL
Target:	S1PR1
Binding Specificity:	AA 303-382
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This S1PR1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 303-382 of human EDG1/HEXIM1 (NP_001391.2).
Sequence:	NSGTNPIIYT LTNKEMRRAF IRIMSCCKCP SGDSAGKFKR PIIAGMEFSR SKSDNSSHPQ KDEGDNPETI MSSGNVNSSS
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

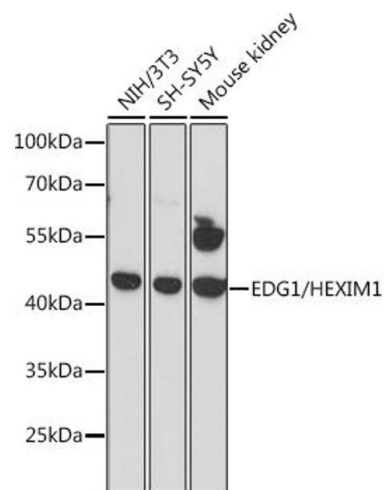
Target:	S1PR1
Alternative Name:	S1P1/EDG1 (S1PR1 Products)
Background:	The protein encoded by this gene is structurally similar to G protein-coupled receptors and is highly expressed in endothelial cells. It binds the ligand sphingosine-1-phosphate with high affinity and high specificity, and suggested to be involved in the processes that regulate the differentiation of endothelial cells. Activation of this receptor induces cell-cell adhesion. Alternative splicing results in multiple transcript variants.,S1PR1,CD363,CHEDG1,D1S3362,ECGF1,EDG-1,EDG1,S1P1,Signal Transduction,G protein signaling,G-Protein-Coupled Receptors(GPCR),Cell Biology & Developmental Biology,Apoptosis,Cell Adhesion,Cell Adhesion Molecules,Cytoskeleton,Immunology & Inflammation,CD markers,Cardiovascular,Angiogenesis,S1P1/EDG1
Molecular Weight:	42 kDa
Gene ID:	1901
UniProt:	P21453
Pathways:	Signaling Events mediated by VEGFR1 and VEGFR2

Application Details

Application Notes:	WB,1:500 - 1:2000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using EDG1/HEXIM1 antibody (ABIN6130353, ABIN6147349, ABIN6147350 and ABIN6216752) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.