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Datasheet for ABIN6992153  
**anti-S1PR2 antibody (C-Term)**

### Overview

Quantity:	0.1 mg
Target:	S1PR2
Binding Specificity:	AA 270-320, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This S1PR2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	S1PR2 antibody was raised against an 16 amino acid peptide near the carboxy terminus of human S1PR2. The immunogen is located within amino acids 270 - 320 of S1PR2.
Isotype:	IgG
Specificity:	S1PR2 antibody is human, mouse and rat reactive.
Purification:	S1PR2 antibody is affinity chromatography purified via peptide column.

### Target Details

Target:	S1PR2
Alternative Name:	S1PR2 ( <a href="#">S1PR2 Products</a> )

## Target Details

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Background:	The Sphingosine 1-phosphate receptor 2 (S1PR2) protein was initially identified as G-protein coupled receptor thought to be involved in development (1) and was found to mediate sphingosine 1-phosphate (SPP)-induced cell rounding and neurite retraction (2). S1PR2 and the related protein S1PR3 (also known as EDG3) are also thought to mediate the SPP-induced cell proliferation, survival, and related signaling events (3). S1PR2 has also been found to be key regulator in acute vascular inflammation and may be a novel therapeutic target for vascular disorders (4).
Molecular Weight:	Predicted: 39 kDa Observed: 50 kDa
Gene ID:	9294
NCBI Accession:	<a href="#">NP_004221</a>
UniProt:	<a href="#">O95136</a>
Pathways:	<a href="#">Synaptic Membrane</a>

## Application Details

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Application Notes:	S1PR2 antibody can be used for detection of S1PR2 by Western blot at 1 - 2 $\mu$ g/mL. Antibody can also be used for immunohistochemistry at 10 $\mu$ g/mL.  Antibody validated: Western Blot in human samples, Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	1 mg/mL
Buffer:	S1PR2 antibody is supplied in PBS containing 0.02 % sodium azide.
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, 4 °C

## Handling

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Storage Comment: S1PR2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.