Datasheet for ABIN7242776

anti-S1PR3 antibody

3 Images

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Overview

Quantity:	200 µL
Target:	S1PR3
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This S1PR3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Synthetic peptide of human S1PR3
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	S1PR3
Alternative Name:	EDG3 (S1PR3 Products)
Background:	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. Receptor for the lysosphingolipid sphingosine 1-phosphate (S1P). S1P is a bioactive

Target Details

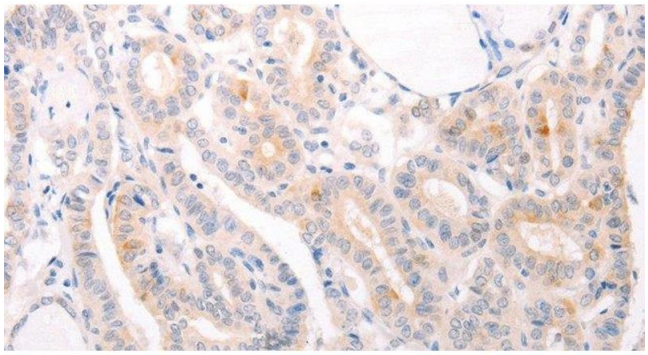
	lysophospholipid that elicits diverse physiological effect on most types of cells and tissues. When expressed in rat HTC4 hepatoma cells, is capable of mediating S1P-induced cell proliferation and suppression of apoptosis.
Molecular Weight:	42 kDa
NCBI Accession:	NP_005217
UniProt:	Q99500

Application Details

Application Notes:	WB 1:1000-1:5000, IHC 1:25-1:100
Restrictions:	For Research Use only

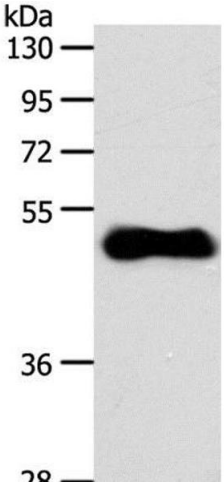
Handling

Format:	Liquid
Concentration:	0.3 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
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.



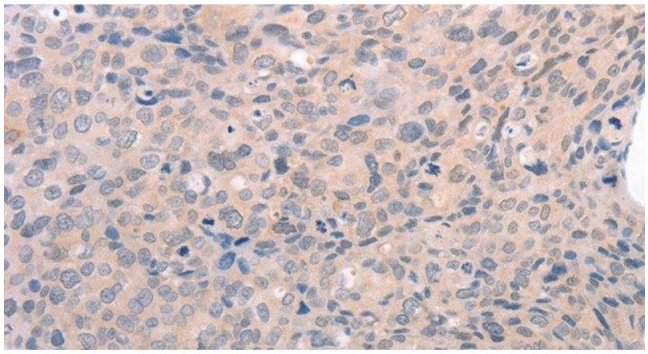
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human thyroid cancer using EDG3 Polyclonal Antibody at dilution of 1:30



Western Blotting

Image 2. Western Blot analysis of Human fetal brain tissue using EDG3 Polyclonal Antibody at dilution of 1:700



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Human cervical cancer using EDG3 Polyclonal Antibody at dilution of 1:30

