Datasheet for ABIN6258144

anti-S1PR5 antibody (C-Term)

2 Images

Go to Product page

Overview

Quantity:	100 µL
Target:	S1PR5
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthesized peptide derived from human EDG8, corresponding to a region within C-terminal amino acids.
Isotype:	IgG
Specificity:	EDG8 Antibody detects endogenous levels of total EDG8.
Predicted Reactivity:	Pig,Bovine
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	S1PR5
Alternative Name:	S1PR5 (S1PR5 Products)

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Target Details

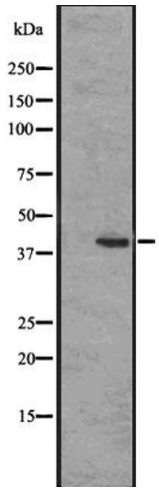
Background:	Description: Receptor for the lysosphingolipid sphingosine 1-phosphate (S1P). S1P is a bioactive lysophospholipid that elicits diverse physiological effect on most types of cells and tissues. Is coupled to both the G(i/0)alpha and G(12) subclass of heteromeric G-proteins (By similarity). May play a regulatory role in the transformation of radial glial cells into astrocytes and may affect proliferative activity of these cells. Gene: S1PR5
Molecular Weight:	41 kDa,Exposure time : 8 minutes
Gene ID:	53637
UniProt:	Q9H228

Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

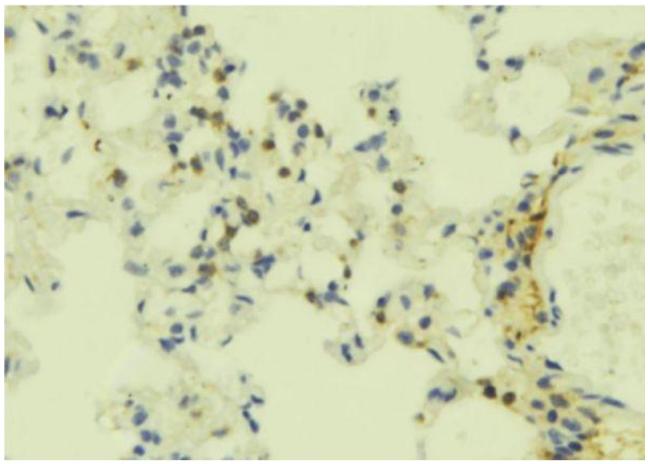
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of EDG8 expression in HEK293 cells ,The lane on the left is treated with the antigen-specific peptide.



Immunohistochemistry

Image 2. ABIN6273844 at 1/100 staining Mouse lung tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

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