Datasheet for ABIN630339

anti-S1PR5 antibody (N-Term)

2 Images

Go to Product page

Overview

Quantity:	100 µg
Target:	S1PR5
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Drosophila melanogaster, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This S1PR5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	EDG8 antibody was raised using the N terminal of EDG8 corresponding to a region with amino acids MESGLLRPAPVSEVIVLHYNYTGKLRGARYQPGAGLRADAVVCLAVCAFI
Specificity:	EDG8 antibody was raised against the N terminal of EDG8
Purification:	Purified

Target Details

Target:	S1PR5
Alternative Name:	EDG8 (S1PR5 Products)
Background:	EDG8 is a 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. It Is coupled to both the G(i/0)alpha and G(12) subclass of heteromeric G-proteins (By similarity). It

Target Details

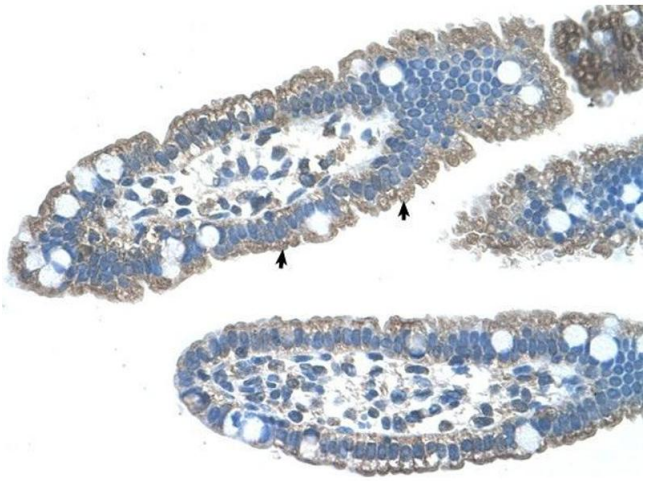
	may play a regulatory role in the transformation of radial glial cells into astrocytes and may affect proliferative activity of these cells.
Molecular Weight:	16 kDa (MW of target protein)

Application Details

Application Notes:	WB: 2.5 µg/mL, IHC: 4-8 µg/mL Optimal conditions should be determined by the investigator.
Comment:	EDG8 Blocking Peptide, catalog no. 33R-5958, is also available for use as a blocking control in assays to test for specificity of this EDG8 antibody
Restrictions:	For Research Use only

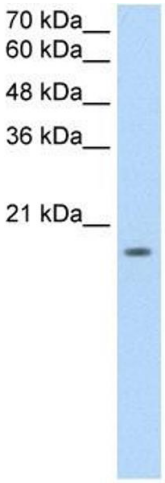
Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of EDG8 antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Immunohistochemistry

Image 1. EDG8 antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml to stain Epithelial cells of intestinal villus (arrows) in Human Intestine. Magnification is at 400X



Western Blotting

Image 2. EDG8 antibody used at 2.5 ug/ml to detect target protein.

