10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

(DANRE) s1pr2 Antibody (N-Term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21580a

Product Information

Application	WB, E
Primary Accession	Q9I8K8
Reactivity	Zebrafish
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB53162
Calculated MW	41777

Additional Information

Gene ID	170457
Other Names	Sphingosine 1-phosphate receptor 2, S1P receptor 2, S1P2, Sphingosine 1-phosphate receptor Edg-5, S1P receptor Edg-5, s1pr2, edg5
Target/Specificity	This DANRE s1pr2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 39-73 amino acids from DANRE s1pr2.
Dilution	WB~~1:2000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	(DANRE) s1pr2 Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	s1pr2
Synonyms	edg5
Function	Receptor for the lysosphingolipid sphingosine 1-phosphate (S1P) (PubMed:10910360). S1P receptor is critical for cell migration and epithelial integrity during vertebrate embryogenesis (PubMed:10910360). Receptor for the chemokine-like protein FAM19A5 (By similarity). Mediates the inhibitory

effect of FAM19A5 on vascular smooth muscle cell proliferation and migration (By similarity).

Cellular Location Cell membrane; Multi-pass membrane protein.

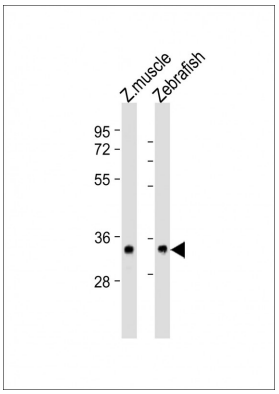
Background

Receptor for the lysosphingolipid sphingosine 1- phosphate (S1P). S1P receptor is critical for cell migration and epithlial integrity during vertebrate embryogenesis.

References

Kupperman E.,et al.Nature 406:192-195(2000).

Images



All lanes : Anti-s1pr2 Antibody (N-Term) at 1:2000 dilution Lane 1: Zebrafish muscle lysates Lane 2: Zebrafish lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 42 kDa Blocking/Dilution buffer: 5% NFDM/TBST.