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S1PR3 Antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI15318

Product Information

Application	WB
Primary Accession	Q99500
Other Accession	NM_005226, NP_005217
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Guinea Pig
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Guinea Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	42250

Additional Information

Gene ID	1903
Alias Symbol	EDG-3, EDG3, FLJ37523, FLJ93220, LPB3, MGC71696, S1P3
Other Names	Sphingosine 1-phosphate receptor 3, S1P receptor 3, S1P3, Endothelial differentiation G-protein coupled receptor 3, Sphingosine 1-phosphate receptor Edg-3, S1P receptor Edg-3, S1PR3, EDG3
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-S1PR3 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	S1PR3 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

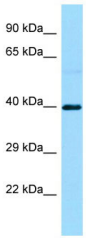
Name	S1PR3 (HGNC:3167)
Function	Receptor for the lysosphingolipid sphingosine 1-phosphate (S1P). S1P is a bioactive lysophospholipid that elicits diverse physiological effect on most types of cells and tissues. When expressed in rat HTC4 hepatoma cells, is capable of mediating S1P-induced cell proliferation and suppression of apoptosis.
Cellular Location	Cell membrane; Multi-pass membrane protein.
Tissue Location	Expressed in all tissues, but most abundantly in heart, placenta, kidney, and

liver

References

Yamaguchi F.,et al.Biochem. Biophys. Res. Commun. 227:608-614(1996).
An S.,et al.FEBS Lett. 417:279-282(1997).
Kopatz S.A.,et al.Submitted (JUN-2003) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Humphray S.J.,et al.Nature 429:369-374(2004).

Images



WB Suggested Anti-S1PR3 Antibody Titration: 1.0 µg/ml
Positive Control: Hela Whole Cell

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.