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S1PR3 Antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15318

Specification

S1PR3 Antibody - C-terminal region - Product Information

Application	**WB**
Primary Accession	Q99500
Other Accession	NM_005226, NP_005217
Reactivity	**Human, Mouse, Rat, Rabbit, Guinea Pig**
Predicted	**Human, Mouse, Rat, Rabbit, Pig, Guinea Pig**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**42kDa KDa**

S1PR3 Antibody - C-terminal region - 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.

S1PR3 Antibody - C-terminal region - 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.

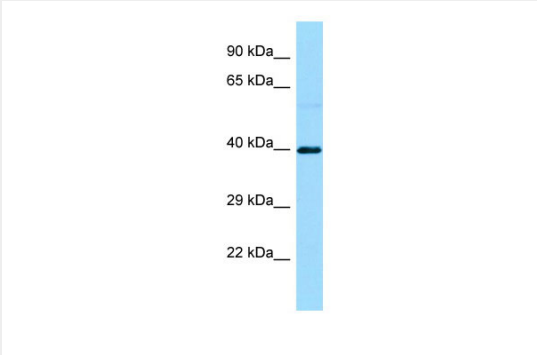
Tissue Location
Expressed in all tissues, but most abundantly in heart, placenta, kidney, and liver

S1PR3 Antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

S1PR3 Antibody - C-terminal region - Images



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

S1PR3 Antibody - C-terminal region - References

Yamaguchi F.,et al.Biochem. Biophys. Res. Commun. 227:608-614(1996).
An S.,et al.FEBS Lett. 417:279-282(1997).
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Ota T.,et al.Nat. Genet. 36:40-45(2004).
Humphray S.J.,et al.Nature 429:369-374(2004).