

S1PR3 / EDG3 / S1P3 Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS10449**Specification**

S1PR3 / EDG3 / S1P3 Antibody (N-Terminus) - Product Information

Application	IHC
Primary Accession	Q99500
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	42kDa KDa

S1PR3 / EDG3 / S1P3 Antibody (N-Terminus) - Additional Information**Gene ID** 1903**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

Target/Specificity

Human EDG3 / S1P3. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except NAA16 (53%).

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

S1PR3 / EDG3 / S1P3 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

S1PR3 / EDG3 / S1P3 Antibody (N-Terminus) - 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

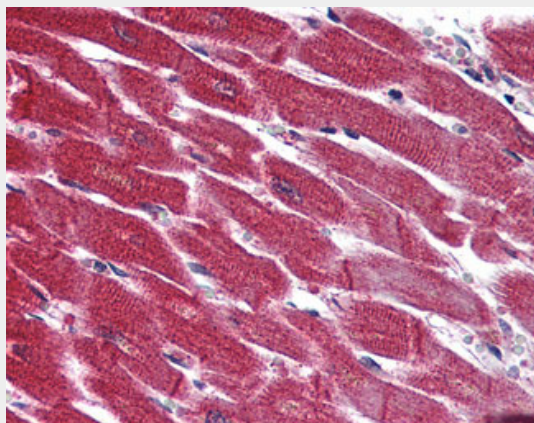
Volume
50 µl

SIPR3 / EDG3 / S1P3 Antibody (N-Terminus) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SIPR3 / EDG3 / S1P3 Antibody (N-Terminus) - Images



Anti-EDG3 / S1P3 antibody ALS10449 IHC of human heart.

SIPR3 / EDG3 / S1P3 Antibody (N-Terminus) - Background

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.

SIPR3 / EDG3 / S1P3 Antibody (N-Terminus) - References

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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).