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S1PR2 Antibody (internal region)

Peptide-affinity purified goat antibody
Catalog # AF3296a

Specification

S1PR2 Antibody (internal region) - Product Information

Application	**WB**
Primary Accession	O95136
Other Accession	NP_004221.3, 9294, 14739 (mouse), 29415 (rat)
Reactivity	**Human, Mouse, Rat**
Predicted	**Dog**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**38867**

S1PR2 Antibody (internal region) - Additional Information

Gene ID 9294

Other Names
Sphingosine 1-phosphate receptor 2, S1P receptor 2, S1P2, Endothelial differentiation G-protein coupled receptor 5, Sphingosine 1-phosphate receptor Edg-5, S1P receptor Edg-5, S1PR2, EDG5

Format
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
S1PR2 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

S1PR2 Antibody (internal region) - Protein Information

Name S1PR2

Synonyms EDG5

Function
Receptor for the lysosphingolipid sphingosine 1-phosphate (S1P) (PubMed:10617617). S1P is a bioactive lysophospholipid that elicits diverse physiological effects on most types of cells and

tissues (PubMed:10617617). When expressed in rat HTC4 hepatoma cells, is capable of mediating S1P-induced cell proliferation and suppression of apoptosis (PubMed:10617617). Receptor for the chemokine-like protein FAM19A5 (PubMed:29453251). Mediates the inhibitory effect of FAM19A5 on vascular smooth muscle cell proliferation and migration (By similarity).

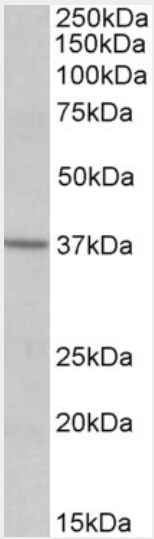
Cellular Location
Cell membrane; Multi-pass membrane protein.

S1PR2 Antibody (internal 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

S1PR2 Antibody (internal region) - Images



AF3296a (0.5 µg/ml) staining of Human Frontal Cortex lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

S1PR2 Antibody (internal region) - References

Integrative predictive model of coronary artery calcification in atherosclerosis. McGeachie M, Ramoni RL, Mychaleckyj JC, Furie KL, Dreyfuss JM, Liu Y, Herrington D, Guo X, Lima JA, Post W, Rotter JI, Rich S, Sale M, Ramoni MF, Circulation 2009 Dec 120 (24): 2448-54. PMID: 19948975