

EDG3 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF2960a**Specification**

EDG3 Antibody (internal region) - Product Information

Application	IHC
Primary Accession	O99500
Other Accession	NP_005217.2 , 1903
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	42250

EDG3 Antibody (internal region) - 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

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

EDG3 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

EDG3 Antibody (internal 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.

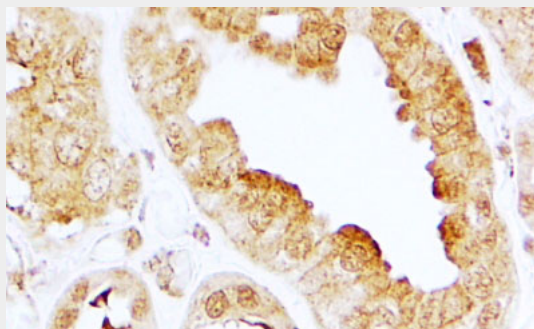
Tissue Location

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

EDG3 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 Cytometry](#)
- [Cell Culture](#)

EDG3 Antibody (internal region) - Images

AF2960a (2 µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.

EDG3 Antibody (internal region) - References

Dendritic cell PAR1-S1P3 signalling couples coagulation and inflammation Niessen F, Schaffner F, Furlan-Freguia C, Pawlinski R, Bhattacharjee G, Chun J, Derian CK, Andrade-Gordon P, Rosen H, Ruf W Nature. 2008 Apr 3;452(7187):654-8. Epub 2008 Feb 27 PMID: 18305483