

EDG-3 Polyclonal Antibody
Catalog # AP69645**Specification**

EDG-3 Polyclonal Antibody - Product Information

Application	WB, IF
Primary Accession	Q99500
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

EDG-3 Polyclonal Antibody - Additional Information**Gene ID** 1903**Other Names**

S1PR3; EDG3; 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

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.
IF~~1:50~200

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

EDG-3 Polyclonal Antibody - 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

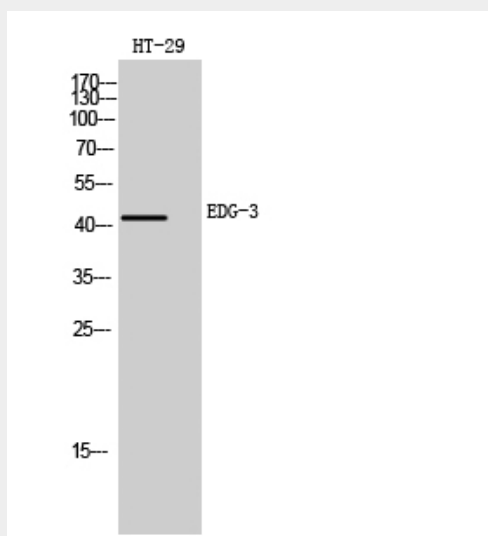
Expressed in all tissues, but most abundantly in heart, placenta, kidney, and liver

EDG-3 Polyclonal Antibody - Protocols

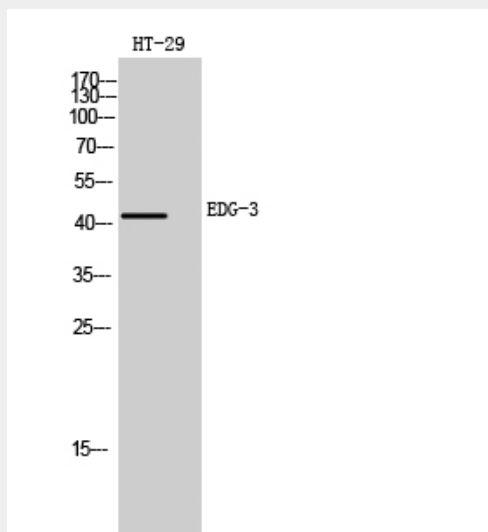
Provided below are standard protocols that you may find useful for product applications.

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

EDG-3 Polyclonal Antibody - Images



Western Blot analysis of HT-29 cells using EDG-3 Polyclonal Antibody



Western Blot analysis of HT-29 cells using EDG-3 Polyclonal Antibody

EDG-3 Polyclonal Antibody - 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.