

**EDG6 Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP51948****Specification**

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**EDG6 Antibody - Product Information**

Application	WB, E
Primary Accession	<a href="#">O95977</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	52 KDa

**EDG6 Antibody - Additional Information****Gene ID** 8698**Other Names**

Sphingosine 1-phosphate receptor 4, S1P receptor 4, S1P4, Endothelial differentiation G-protein coupled receptor 6, Sphingosine 1-phosphate receptor Edg-6, S1P receptor Edg-6, S1PR4, EDG6

**Dilution**

WB~~1:1000

E~~N/A

**Format**

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**EDG6 Antibody - Protein Information****Name** S1PR4**Synonyms** EDG6**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. May be involved in cell migration processes that are specific for lymphocytes.

**Cellular Location**

Cell membrane; Multi-pass membrane protein.

**Tissue Location**

Specifically expressed in fetal and adult lymphoid and hematopoietic tissue as well as in lung. Considerable level of expression in adult and fetal spleen as well as adult peripheral leukocytes

and lung. Lower expression in adult thymus, lymph node, bone marrow, and appendix as well as in fetal liver, thymus, and lung

### **EDG6 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](#)

### **EDG6 Antibody - Images**

### **EDG6 Antibody - Background**

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### **EDG6 Antibody - References**

Graeler M.H.,et al.Genomics 53:164-169(1998).  
Kopatz S.A.,et al.Submitted (JUN-2003) to the EMBL/GenBank/DDBJ databases.  
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.  
Yamazaki Y.,et al.Biochem. Biophys. Res. Commun. 268:583-589(2000).  
Van Brocklyn J.R.,et al.Blood 95:2624-2629(2000).