

EDG-5 Rabbit pAb

CatalogNo: YT1467 **Orthogonal Validated** 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IHC, IF, ELISA

MW

- 39kD (Observed)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-1:2000**IHC 1:100-1:300****IF 1:200-1:1000****ELISA 1:10000****Not yet tested in other applications.**

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen The antiserum was produced against synthesized peptide derived from human EDG5. AA range: 261-310**Specificity** EDG-5 Polyclonal Antibody detects endogenous levels of EDG-5 protein.

Target Information

Gene name S1PR2

Protein Name Sphingosine 1-phosphate receptor 2

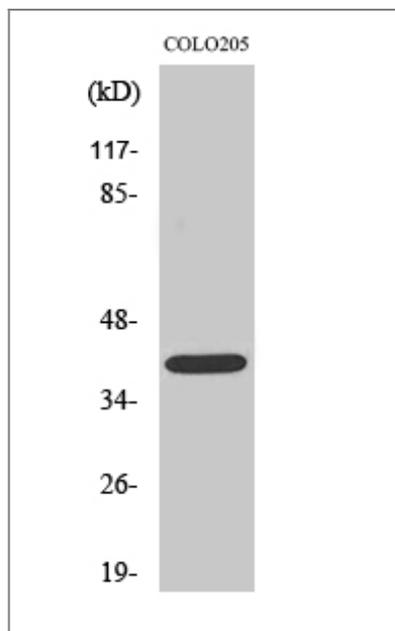
Organism	Gene ID	UniProt ID
Human	9294;	O95136;
Mouse	14739;	P52592;
Rat	29415;	P47752;

Cellular Localization Cell membrane; Multi-pass membrane protein.

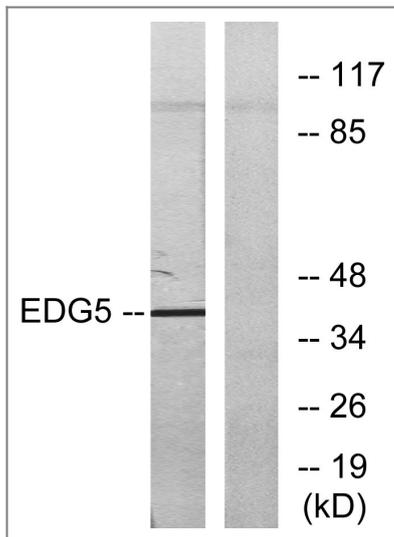
Tissue specificity Fetal brain,

Function 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.,similarity:Belongs to the G-protein coupled receptor 1 family.,

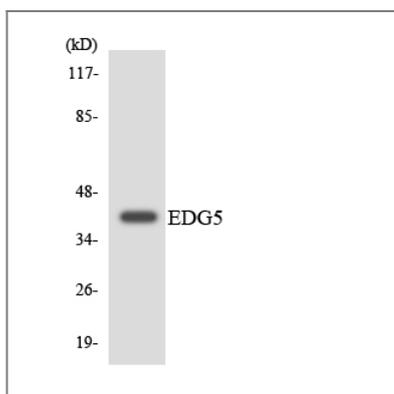
Validation Data



Western Blot analysis of various cells using EDG-5 Polyclonal Antibody



Western blot analysis of lysates from COLO205 cells, using EDG5 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from RAW264.7 cells using EDG5 antibody.

Contact information

Orders: order.cn@immunoway.com
 Support: support.cn@immunoway.com
 Telephone: 400-8787-807(China)
 Website: <http://www.immunoway.com.cn>
 Address: 2200 Ringwood Ave San Jose, CA 95131 USA



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EDG-5 Rabbit pAb

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