

产品名称: EDG-5 Rabbit Polyclonal Antibody
产品货号: APRab10301



产品概述 (Summary)

产品名称 (Production Name)	EDG-5 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	S1PR2 S1PR2; EDG5; Sphingosine 1-phosphate receptor 2; S1P receptor 2; S1P2;
别名 (Alternative Names)	Endothelial differentiation G-protein coupled receptor 5; Sphingosine 1-phosphate receptor Edg-5; S1P receptor Edg-5
基因 ID (Gene ID)	9294.0
蛋白 ID (SwissProt ID)	O95136.The antiserum was produced against synthesized peptide derived from human EDG5. AA range:261-310

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	39kDa

产品名称: EDG-5 Rabbit Polyclonal Antibody
产品货号: APRab10301



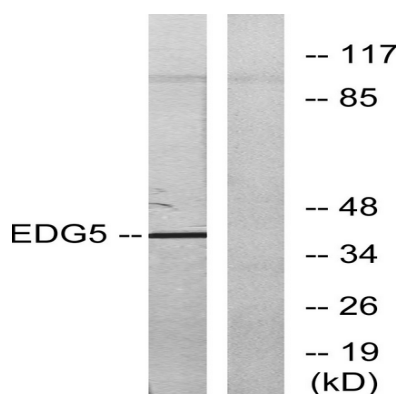
研究背景 (Background)

This gene encodes a member of the G protein-coupled receptors, as well as the EDG family of proteins. The encoded protein is a receptor for sphingosine 1-phosphate, which participates in cell proliferation, survival, and transcriptional activation. Defects in this gene have been associated with congenital profound deafness. [provided by RefSeq, Mar 2016],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.,

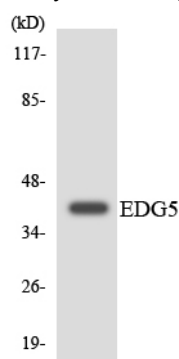
研究领域 (Research Area)

Neuroactive ligand-receptor interaction;

图片 (Image Data)

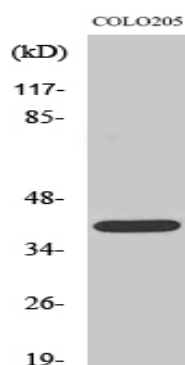


Western blot analysis of lysates from COLO205 cells, using EDG5 Antibody. The lane on the right is blocked with the synthesized peptide.



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

产品名称: EDG-5 Rabbit Polyclonal Antibody
产品货号: APRab10301



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

注意事项 (Note)

For research use only .