

产品名称: EDG-2 Rabbit Polyclonal Antibody
产品货号: APRab10298



产品概述 (Summary)

产品名称 (Production Name)	EDG-2 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,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)	LPAR1
别名 (Alternative Names)	LPAR1; EDG2; LPA1; Lysophosphatidic acid receptor 1; LPA receptor 1; LPA-1; Lysophosphatidic acid receptor Edg-2
基因 ID (Gene ID)	1902.0
蛋白 ID (SwissProt ID)	Q92633.The antiserum was produced against synthesized peptide derived from human EDG2. AA range:5-54

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 1:5000-1:10000
蛋白分子量 (Molecular Weight)	38kDa

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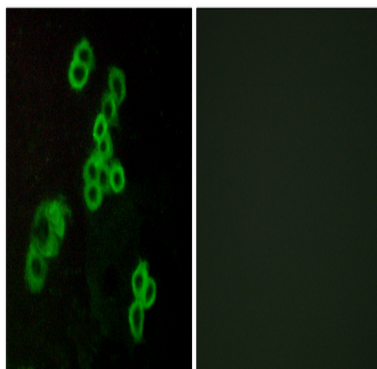
研究背景 (Background)

lysophosphatidic acid receptor 1(LPAR1) Homo sapiens The integral membrane protein encoded by this gene is a lysophosphatidic acid (LPA) receptor from a group known as EDG receptors. These receptors are members of the G protein-coupled receptor superfamily. Utilized by LPA for cell signaling, EDG receptors mediate diverse biologic functions, including proliferation, platelet aggregation, smooth muscle contraction, inhibition of neuroblastoma cell differentiation, chemotaxis, and tumor cell invasion. Two transcript variants encoding the same protein have been identified for this gene [provided by RefSeq, Jul 2008],function:Receptor for lysophosphatidic acid (LPA), a mediator of diverse cellular activities. Seems to be coupled to the G(i)/G(o), G(12)/G(13), and G(q) families of heteromeric G proteins.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Expressed in many adult organs, including brain, heart, colon, small intestine, placenta, prostate, ovary, pancreas, testes, spleen, skeletal muscle, and kidney. Little or no expression in liver, lung, thymus, or peripheral blood leukocytes.,

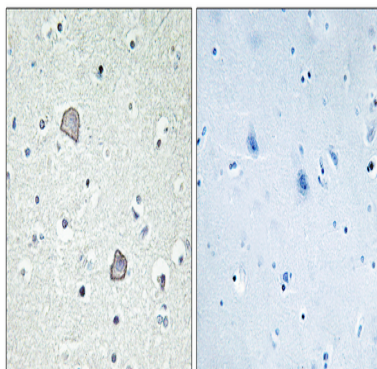
研究领域 (Research Area)

Neuroactive ligand-receptor interaction;Gap junction;

图片 (Image Data)



Immunofluorescence analysis of MCF7 cells, using EDG2 Antibody. The picture on the right is blocked with the synthesized peptide.

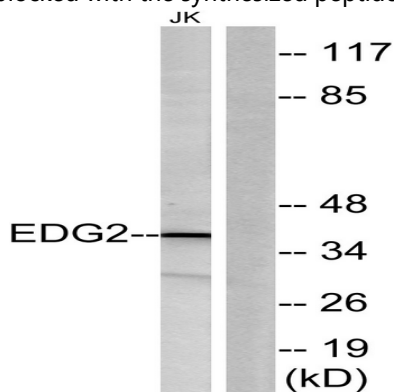


Immunohistochemistry analysis of paraffin-embedded human brain tissue, using EDG2 Antibody. The picture on the right is

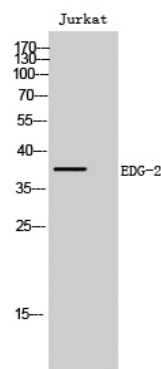
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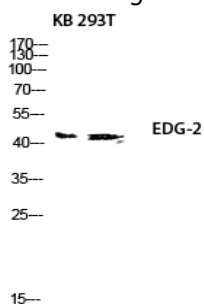
blocked with the synthesized peptide.



Western blot analysis of lysates from Jurkat cells, using EDG2 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of Jurkat cells using EDG-2 Polyclonal Antibody diluted at 1: 500



Western blot analysis of KB 293T lysis using EDG-2 antibody. Antibody was diluted at 1:500

注意事项 (Note)

For research use only .