

产品名称: EDG-4 Rabbit Polyclonal Antibody

产品货号: APRab10300

产品概述 (Summary)

描述(Description)	Rabbit polyclonal Antibody
宿主(Host)	Rabbit
应用(Application)	WB,ICC/IF,ELISA
种属反应(Reactivity)	Human,Mouse,Monkey
偶联物(Conjugation)	Unconjugated
修饰(Modification)	Unmodified
同种型(Isotype)	IgG
克隆(Clonality)	Polyclonal
剂型(Form)	Liquid
保存条件(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 (Purification)	Affinity purification

产品应用(Application)

稀释比(Dilution Ratio)	WB 1:500-1:2000,ICC/IF 1:200-1:1000,ELISA 1:20000-1:40000
分子量(Molecular Weight)	39kDa

抗原信息(Antigen Information)

基因名(Gene Name)	LPAR2
别名(Alternative Names)	LPAR2; EDG4; LPA2; Lysophosphatidic acid receptor 2; LPA receptor 2; LPA-2; Lysophosphatidic acid receptor Edg-4
基因 ID(Gene ID)	9170.0
SwissProt ID	Q9HBW0
免疫原(Immunogen)	The antiserum was produced against synthesized peptide derived from human EDG4. AA range:271-320

研究背景 (Background)

lysophosphatidic acid receptor 2(LPAR2) Homo sapiens This gene encodes a member of family I of the G protein-coupled

receptors, as well as the EDG family of proteins. This protein functions as a lysophosphatidic acid (LPA) receptor and contributes to Ca^{2+} mobilization, a critical cellular response to LPA in cells, through association with G_i and G_q proteins. An alternative splice variant has been described but its full length sequence has not been determined. [provided by RefSeq, Jul 2008],function:Receptor for lysophosphatidic acid (LPA), a mediator of diverse cellular activities. Seems to be coupled to the $\text{G}(i)/\text{G}(o)$, $\text{G}(12)/\text{G}(13)$, and $\text{G}(q)$ families of heteromeric G proteins. Plays a key role in phospholipase C-beta (PLC-beta) signaling pathway.,miscellaneous:PubMed:9525886 cDNA clone has a guanine nucleotide deletion that causes a frameshift near its C-terminal coding region. This likely reflects a somatic mutation in the ovary tumor cells from which the cDNA was isolated and may have altered the function of the encoded receptor, and contributed to transformation of the original ovary cells that formed a tumor.,similarity:Belongs to the G-protein coupled receptor 1 family.,subunit:Interacts with SLC9A3R2/NHERF2, MAGI3 and PLCB3.,tissue specificity:Expressed most abundantly in testes and peripheral blood leukocytes with less expression in pancreas, spleen, thymus and prostate. Little or no expression in heart, brain, placenta, lung, liver, skeletal muscle, kidney, ovary, small intestine, or colon.,

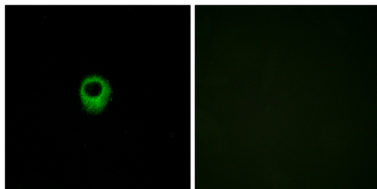
研究领域 (Research Area)

Neuroactive ligand-receptor interaction;

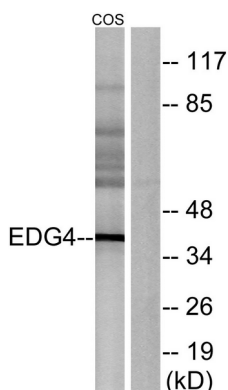
注意事项 (Note)

For research use only.

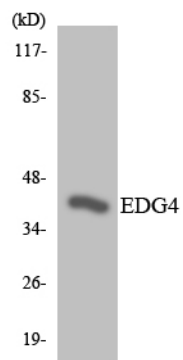
图片 (Image Data)



Immunofluorescence analysis of MCF7 cells, using EDG4 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from COS7 cells, using EDG4 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from K562 cells using EDG4 antibody.

EnkiLife 优势产品推荐

产品类别	产品货号	产品名称
WB 解决方案	RA10020	2h 极速 WB 即用型全流程试剂盒
	RA10021	4h 快速 WB 即用型全流程试剂盒
	RA10042	5h 畅享版 WB 全流程试剂盒
	RA10037	校准级彩色预染蛋白 Marker (8-180kDa)
	RA10038	校准级彩色预染蛋白 Marker (10-250kDa)
	RA10039	校准级高分子彩色预染蛋白 Marker (25-400kDa)
TSA 多重荧光染色试剂盒	RA10008	TSA 双标三色多重荧光染色试剂盒 (mIHC)
	RA10009	TSA 三标四色多重荧光染色试剂盒 (mIHC)
	RA10010	TSA 四标五色多重荧光染色试剂盒 (mIHC)
	RA10011	TSA 五标六色多重荧光染色试剂盒 (mIHC)
	RA10012	TSA 六标七色多重荧光染色试剂盒 (mIHC)
IHC 检测试剂盒	RA10006	HRP Anti-Mouse/Rabbit IHC Detection System
	RA10007	Polymer-HRP Anti-Mouse/Rabbit IHC Detection System
抗体标记试剂盒	RE80004p	辣根过氧化物酶(HRP)抗体标记试剂盒
	RE80002q	Sulfo-NHS-生物素标记试剂盒
	RE80007p	Cy3 荧光素标记试剂盒
	RE80011p	Fluor488 荧光素标记试剂盒
	RE80017p	Fluor750 荧光素标记试剂盒
	RE80005p	藻红蛋白(R-PE) 抗体快速标记试剂盒
	RE80040	PE-Cy7 串联染料抗体快速标记试剂盒
稳转细胞系构建服务 (免费赠送全膜 WB 验证)	TS-0001	过表达稳转细胞系构建
	TS-0002	敲低稳转细胞系构建
	TS-0003	敲除细胞系构建

限于篇幅，更多产品详见官网：<https://www.enkilife.cn>