

产品名称: GRP1 Rabbit Polyclonal Antibody
产品货号: AP Rab11791



产品概述 (Summary)

产品名称 (Production Name)	GRP1 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat,Monkey

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)	CYTH3
别名 (Alternative Names)	CYTH3; ARNO3; GRP1; PSCD3; Cytohesin-3; ARF nucleotide-binding site opener 3; Protein ARNO3; General receptor of phosphoinositides 1; Grp1; PH; SEC7 and coiled-coil domain-containing protein 3
基因 ID (Gene ID)	9265.0
蛋白 ID (SwissProt ID)	O43739.The antiserum was produced against synthesized peptide derived from human GRP1. AA range:351-400

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	46kDa

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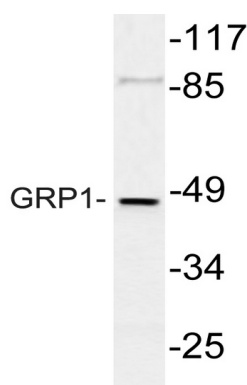


研究背景 (Background)

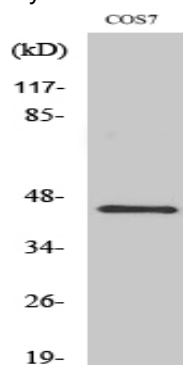
This gene encodes a member of the PSCD (pleckstrin homology, Sec7 and coiled-coil domains) family. PSCD family members have identical structural organization that consists of an N-terminal coiled-coil motif, a central Sec7 domain, and a C-terminal pleckstrin homology (PH) domain. The coiled-coil motif is involved in homodimerization, the Sec7 domain contains guanine-nucleotide exchange protein (GEP) activity, and the PH domain interacts with phospholipids and is responsible for association of PSCDs with membranes. Members of this family appear to mediate the regulation of protein sorting and membrane trafficking. This encoded protein is involved in the control of Golgi structure and function, and it may have a physiological role in regulating ADP-ribosylation factor protein 6 (ARF) functions, in addition to acting on ARF1. [provided by RefSeq, Jul 2008],function:Promotes guanine-nucleotide exchange on ARF1. Promotes the activation of ARF through replacement of GDP with GTP.,similarity:Contains 1 PH domain.,similarity:Contains 1 SEC7 domain.,subunit:Binds via its PH domain to the inositol head group of phosphatidylinositol 3,4,5-triphosphate with high affinity. Interacts with GRASP.,tissue specificity:Almost absent from liver, thymus and peripheral blood lymphocytes.,

研究领域 (Research Area)

图片 (Image Data)



Western blot analysis of lysate from COS7 cells, using GRP1 antibody.



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Western Blot analysis of various cells using GRP1 Polyclonal Antibody

注意事项 (Note)

For research use only .