

产品名称: Gab 2 (phospho Ser159) Rabbit Polyclonal Antibody
产品货号: APRab04717



产品概述 (Summary)

产品名称 (Production Name)	Gab 2 (phospho Ser159) 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)	Phosphorylated
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)	GAB2
别名 (Alternative Names)	GAB2; KIAA0571; GRB2-associated-binding protein 2; GRB2-associated binder 2; Growth factor receptor bound protein 2-associated protein 2; pp100
基因 ID (Gene ID)	9846.0
蛋白 ID (SwissProt ID)	Q9UQC2.The antiserum was produced against synthesized peptide derived from human GRB2 around the phosphorylation site of Ser159. AA range:125-174

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000
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蛋白分子量 (Molecular Weight) 100kDa

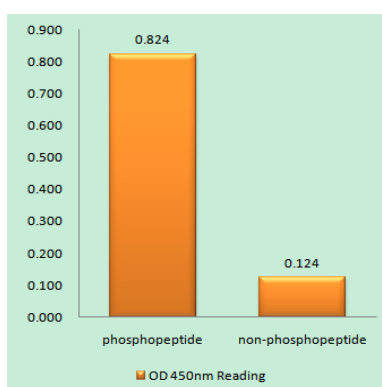
研究背景 (Background)

GRB2 associated binding protein 2(GAB2) Homo sapiens This gene is a member of the GRB2-associated binding protein (GAB) gene family. These proteins contain pleckstrin homology (PH) domain, and bind SHP2 tyrosine phosphatase and GRB2 adapter protein. They act as adapters for transmitting various signals in response to stimuli through cytokine and growth factor receptors, and T- and B-cell antigen receptors. The protein encoded by this gene is the principal activator of phosphatidylinositol-3 kinase in response to activation of the high affinity IgE receptor. Two alternatively spliced transcripts encoding different isoforms have been described for this gene. [provided by RefSeq, Nov 2009],PTM:Dephosphorylated by PTPN11.,PTM:Phosphorylated on tyrosine residue(s) by the thrombopoietin receptor (TPOR), stem cell factor receptor (SCFR), and T-cell and B-cell antigen receptors, gp130, IL-2R and IL-3R.,similarity:Belongs to the GAB family.,similarity:Contains 1 PH domain.,subunit:Interacts with GRB2, PI-3 kinase and with other SH2-containing proteins.,

研究领域 (Research Area)

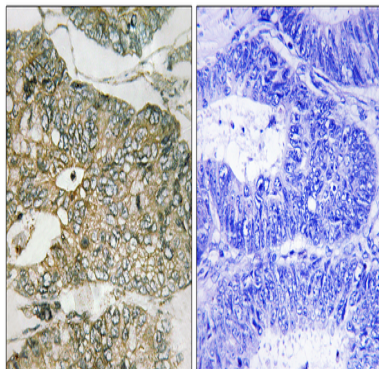
Fc epsilon RI;Fc gamma R-mediated phagocytosis;Chronic myeloid leukemia;

图片 (Image Data)



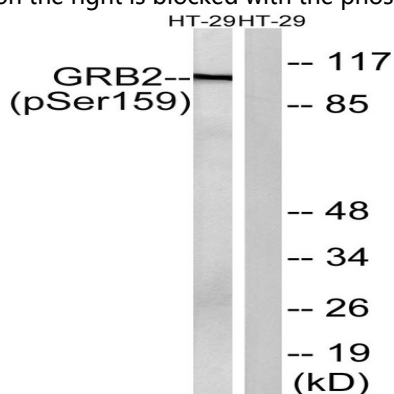
Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right) , using GRB2 (Phospho-Ser159) Antibody

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Immunohistochemistry analysis of paraffin-embedded human colon carcinoma, using GRB2 (Phospho-Ser159) Antibody.

The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from HT29 cells treated with serum 20% 15', using GRB2 (Phospho-Ser159) Antibody.

The lane on the right is blocked with the phospho peptide.

注意事项 (Note)

For research use only .