

产品名称: GRB14 Rabbit Polyclonal Antibody
产品货号: APRab11749



产品概述 (Summary)

产品名称 (Production Name)	GRB14 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)	GRB14
别名 (Alternative Names)	GRB14; Growth factor receptor-bound protein 14; GRB14 adapter protein
基因 ID (Gene ID)	2888.0
蛋白 ID (SwissProt ID)	Q14449.The antiserum was produced against synthesized peptide derived from human GRB14. AA range:81-130

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
蛋白分子量 (Molecular Weight)	61kDa

研究背景 (Background)

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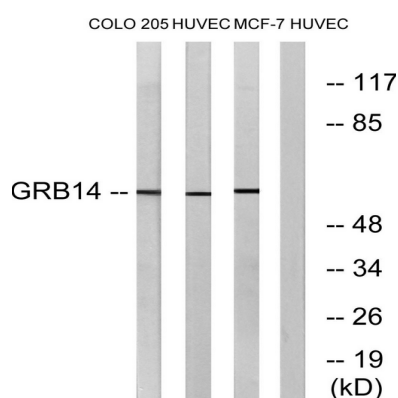


The product of this gene belongs to a small family of adapter proteins that are known to interact with a number of receptor tyrosine kinases and signaling molecules. This gene encodes a growth factor receptor-binding protein that interacts with insulin receptors and insulin-like growth-factor receptors. This protein likely has an inhibitory effect on receptor tyrosine kinase signaling and, in particular, on insulin receptor signaling. This gene may play a role in signaling pathways that regulate growth and metabolism. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2014],function:Interacts with the cytoplasmic domain of the autophosphorylated insulin receptor which is then inhibited. The interaction is mediated by the SH2 domain.,PTM:Phosphorylated on serine residues.,similarity:Belongs to the GRB7/10/14 family.,similarity:Contains 1 PH domain.,similarity:Contains 1 Ras-associating domain.,similarity:Contains 1 SH2 domain.,subunit:Binds to the ankyrin repeat region of TNKS2 via its N-terminus.,tissue specificity:Expressed at high levels in the liver, kidney, pancreas, testis, ovary, heart and skeletal muscle.,

研究领域 (Research Area)

Stem cell pathway

图片 (Image Data)



Western blot analysis of lysates from HUVEC, COLO, and MCF-7 cells, using GRB14 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using GRB14 Polyclonal Antibody

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注意事项 (Note)

For research use only .