

产品名称: GRB7 (4L2) Rabbit Monoclonal Antibody
产品货号: AMRe11753



产品概述 (Summary)

产品名称 (Production Name)	GRB7 (4L2) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,IF-P
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
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)	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	GRB7
别名 (Alternative Names)	B47; Epidermal growth factor receptor GRB 7; GRB7 adapter protein; GRB7;
基因 ID (Gene ID)	2886.0
蛋白 ID (SwissProt ID)	Q14451.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:10000,IHC 1:200-1:500,IF-P 1:200-1:500
蛋白分子量 (Molecular Weight)	60kDa

研究背景 (Background)

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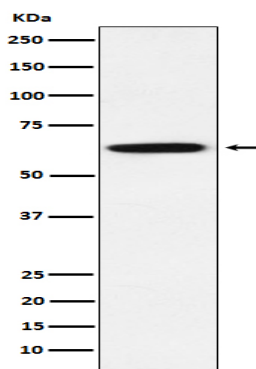


Interacts with the cytoplasmic domain of the epidermal growth factor receptor which is then inhibited. The interaction is mediated by the SH2 domain. Also binds to ERBB2. Adapter protein that interacts with the cytoplasmic domain of numerous receptor kinases and modulates down-stream signaling. Promotes activation of down-stream protein kinases, including STAT3, AKT1, MAPK1 and/or MAPK3. Promotes activation of HRAS. Plays a role in signal transduction in response to EGF. Plays a role in the regulation of cell proliferation and cell migration. Plays a role in the assembly and stability of RNA stress granules. Binds to the 5'UTR of target mRNA molecules and represses translation of target mRNA species, when not phosphorylated. Phosphorylation impairs RNA binding and promotes stress granule disassembly during recovery after cellular stress (By similarity).

研究领域 (Research Area)

Signal Transduction

图片 (Image Data)



Western blot analysis of GRB7 expression in A431 cell lysate.

注意事项 (Note)

For research use only .