

Product name:	GRB14 Rabbit Polyclonal Antibody
Cat number:	ABN11749
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from human GRB14. AA range:81-130
Reactivity:	Human,Mouse,Rat
Applications:	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000
Molecular Weight:	61kDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Background:	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.,