



Rabbit Anti-Human Grb10 Polyclonal Antibody (CABT-L2174)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Growth Factor Receptor Bound Protein 10 (Knockout Validated)
Specificity	The antibody is a rabbit polyclonal antibody raised against Grb10. It has been selected for its ability to recognize Grb10 in immunohistochemical staining and western blotting.
Target	Grb10
Immunogen	Recombinant fragment corresponding to human GRB10 (Thr392~Leu594)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
Preservative	0.05% Proclin-300

Storage	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
Ship	4°C with ice bags

BACKGROUND

Introduction	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. Overexpression of some isoforms of the encoded protein inhibits tyrosine kinase activity and results in growth suppression. This gene is imprinted in a highly isoform- and tissue-specific manner, with expression observed from the paternal allele in the brain, and from the maternal allele in the placental trophoblasts. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Oct 2010]
Keywords	GRB-IR;IRBP;MEG1;RSS;GRB10 adapter protein;Insulin receptor-binding protein Grb-IR

GENE INFORMATION

Gene Name	GRB10 growth factor receptor-bound protein 10 [Homo sapiens (human)]
Official Symbol	GRB10
Synonyms	GRB10; growth factor receptor-bound protein 10; RSS; IRBP; MEG1; GRB-IR; Grb-10; GRB10 adapter protein; GRB10 adaptor protein; maternally expressed gene 1; insulin receptor-binding protein Grb-IR;
Entrez Gene ID	2887
Protein Refseq	NP_001001549
UniProt ID	Q13322
Chromosome Location	7p12.2
Pathway	EGFR1 Signaling Pathway; IGF1 pathway; IRS activation; IRS-related events; Insulin Pathway; Insulin Signaling; Insulin receptor signalling cascade; Kit Receptor Signaling Pathway;
Function	SH3/SH2 adaptor activity; insulin receptor binding; protein binding;