

Datasheet for ABIN6991650 **anti-GRB10 antibody (C-Term)**

[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	GRB10
Binding Specificity:	AA 440-490, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GRB10 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	GRB10 antibody was raised against a 17 amino acid synthetic peptide near the carboxy terminus of human GRB10. The immunogen is located within amino acids 440 - 490 of GRB10.
Isotype:	IgG
Specificity:	At least three isoforms of GRB10 are known to exist, this antibody will detect all three isoforms.
Purification:	GRB10 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	GRB10
Alternative Name:	GRB10 (GRB10 Products)
Background:	GRB10 Antibody: GRB10 belongs to a small family of adapter proteins that are known to

Target Details

interact with a number of receptor tyrosine kinases and signaling molecules and function in diverse cellular processes. GRB10 is a growth factor receptor-binding protein that interacts with insulin receptors and insulin-like growth-factor receptors. Overexpression of some isoforms of GRB10 inhibits tyrosine kinase activity and results in growth suppression. GRB10 can also interact with the L isoform of the proapoptotic protein Bim. 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.

Gene ID:	2887
NCBI Accession:	NP_005302
UniProt:	Q13322
Pathways:	Regulation of Carbohydrate Metabolic Process , Signaling Events mediated by VEGFR1 and VEGFR2

Application Details

Application Notes:	GRB10 antibody can be used for detection of GRB10 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunofluorescence starting at 20 µg/mL. For immunofluorescence start at 20 µg/mL. Antibody validated: Western Blot in human samples and Immunofluorescence in rat samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	GRB10 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C
Storage Comment:	GRB10 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As

with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.