

Rabbit GRB10 Polyclonal Antibody | anti-GRB10 antibody

GRB10 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39697	Rabbit	Human, Mouse, Rat	Immunofluorescence, Western Blot, ELISA

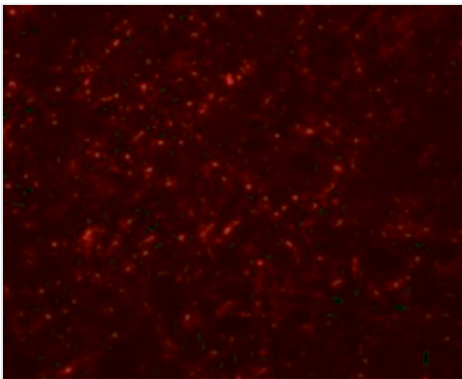
PRODUCT SYNONYMS

GRB10; Polyclonal Antibody; GRB10 Antibody; RSS; IRBP; MEG1; GRB-IR; Grb-10; GRBIR; KIAA0207; Growth factor receptor-bound protein 10; GRB10 adapter protein; growth factor receptor-bound protein 10; anti-GRB10 antibody

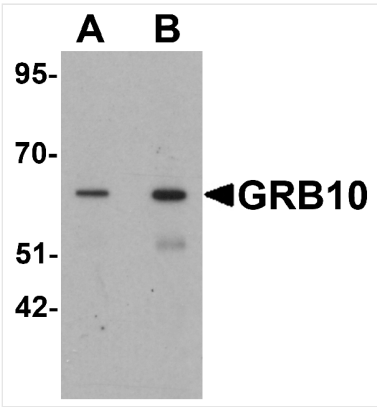
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	At least three isoforms of GRB10 are known to exist; this antibody will detect all three isoforms.
Purity/Purification	GRB10 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	594
Applicable Applications for anti-GRB10 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	GRB10 antibody was raised against a 17 amino acid synthetic peptide near the carboxy terminus of human GRB10.
Buffer	GRB10 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	GRB10 antibody can be stored at 4 degree C for three months and -20 degree 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.

IMAGES



IF (Immunofluorescence)
Immunofluorescence of GRB10 in rat brain cells with GRB10 antibody at 20 μg/mL.



WB (Western Blot)
Western blot analysis of GRB10 in SK-N-SH cell lysate with GRB10 antibody at (A) 1 and (B) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-GRB10 antibody	GRB10 Antibody: GRB10 belongs to a small family of adapter proteins that are known to 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	48762679
NCBI GeneID	2887
NCBI Accession #	NP_005302
NCBI GenBank Nucleotide #	NM_005311.4
UniProt Accession #	Q13322; O00427; O00701; O75222; Q92606; Q92907; Q92948; A4D258; A7VJ95; A8K0E6; D3DVM9
Molecular Weight	66,487 Da
NCBI Official Full Name	growth factor receptor-bound protein 10 isoform a
NCBI Official Synonym Full Names	growth factor receptor-bound protein 10
NCBI Official Symbol	GRB10
NCBI Official Synonym Symbols	RSS; IRBP; MEG1; GRB-IR; Grb-10
NCBI Protein Information	growth factor receptor-bound protein 10; GRB10 adapter protein; GRB10 adaptor protein; maternally expressed gene 1; insulin receptor-binding protein Grb-IR
UniProt Protein Name	Growth factor receptor-bound protein 10
UniProt Gene Name	GRB10
UniProt Synonym Gene Names	GRBIR; KIAA0207
UniProt Entry Name	GRB10_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

