

Rabbit anti-Human GRB10 Polyclonal Antibody | anti-GRB10 antibody

Rabbit anti-GRB10 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211610	Rabbit	Human	Immunohistochemistry, Immunoprecipitation

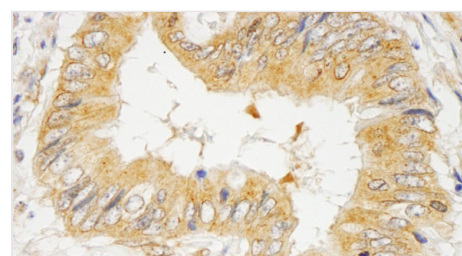
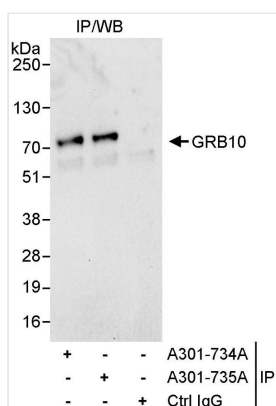
PRODUCT SYNONYMS

GRB10; Polyclonal Antibody; Rabbit anti-GRB10 Antibody; Affinity Purified; maternally expressed gene 1; insulin receptor-binding protein Grb-IR; MEG1; IRBP; GRB-IR; GRB10 adaptor protein; Grb-10; GRB10 adapter protein; growth factor receptor-bound protein 10; RSS; Growth factor receptor-bound protein 10; growth factor receptor bound protein 10; anti-GRB10 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-GRB10 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation)
Immunogen	Between 100 and 150
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



IHC (Immunohistochemistry)

Detection of human GRB10 by immunohistochemistry. Sample: FFPE section of human colon carcinoma. Antibody: Affinity purified rabbit anti-GRB10 (Cat. No. AAA211610 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

IP (Immunoprecipitation)

Detection of human GRB10 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-GRB10 antibody AAA211610 used for IP at 3 ug/mg lysate. GRB10 was also immunoprecipitated by rabbit anti-GRB10 antibody which recognizes an upstream epitope. For blotting immunoprecipitated GRB10, was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-GRB10 antibody	Growth factor receptor-bound protein 10 (GRB10) is a member of a family of adaptor proteins that bind to a variety of growth factor receptors to regulate receptor signaling and mediate signals for a variety of processes such as metabolism, growth, apoptosis, and migration. As a dimer, via its BPS (between PH and SH2) and SH2 (src-homology 2) domains, GRB10 associates with the insulin receptor (IR) as well as the insulin-like growth factor receptor (IGFR). GRB10's association with the IR has been shown to have inhibitory effects on insulin-induced kinase signaling; however studies have also reported that GRB10 can also have positive effects on IR signaling. It is suggested that GRB10 can serve in cellular functions independent of an interaction with the IR.
Product Categories/Family for anti-GRB10 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	48762679
NCBI GeneID	2887
NCBI Accession #	NP_005302.3; NP_001001549.1
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
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/grb10-antibody-immunohistochemistry-immunoprecipitation-elisa/211610>