Rabbit GRB10 Polyclonal Antibody | anti-GRB10 antibody

Anti-GRB10 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA260980	**Rabbit**	**Human, Mouse, Rat**	**Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot**

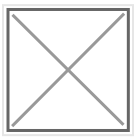
PRODUCT SYNONYMS

GRB10; Polyclonal Antibody; Anti-GRB10 Antibody; GRBIR; KIAA0207; Growth factor receptor-bound protein 10; GRB10 adapter protein; Insulin receptor-binding protein Grb-IR; anti-GRB10 antibody

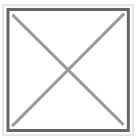
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of GRB10 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.
Sequence Length	594
Applicable Applications for anti-GRB10 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human GRB10. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)
Immunofluorescent analysis of GRB10 staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohiostchemistry)
Immunohistochemical analysis of GRB10 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

WB (Western Blot)
Western blot analysis of GRB10 expression in NIH3T3 (A), K562 (B) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-GRB10 antibody	Rabbit polyclonal antibody to GRB10

NCBI AND UNIPROT INFORMATION

NCBI GI #	6166186
NCBI GeneID	2887
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
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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