

Rabbit anti-Human, Mouse Growth Factor Receptor Bound Protein 10 Polyclonal Antibody | anti-Grb10 antibody

Polyclonal Antibody to Growth Factor Receptor Bound Protein 10 (Grb10)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA20907	Rabbit	Human, Mouse	Western Blot, Immunocytochemistry, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

Growth Factor Receptor Bound Protein 10; Polyclonal Antibody; Polyclonal Antibody to Growth Factor Receptor Bound Protein 10 (Grb10); anti-Grb10 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
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.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Sequence Length	536
Applicable Applications for anti-Grb10 antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), ELISA
Application Notes	Western blotting: 1-5ug/mL Immunocytochemistry in formalin fixed cells: 5-20ug/mL Immunohistochemistry in formalin fixed frozen section: 5-20ug/mL Immunohistochemistry in paraffin section: 5-20ug/mL Enzyme-linked Immunosorbent Assay: 0.05-2ug/mL Optimal working dilutions must be determined by end user.
Fragment	Grb10 (Thr392~Leu594)
Organism Species	Homo sapiens (Human)
Cross Reactivity	Human, Mouse
Conjugate	No Conjugate
Immunogen	Recombinant Grb10 (Thr392~Leu594) expressed in E Coli.
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



Knockout Validation

Knockout Validation: Lane 1: Wild-type Hela cell lysate; Lane 2: Grb10 knockout Hela cell lysate; Predicted MW: 67,62kd Observed MW: 65kd Primary Ab: 1ug/ml Rabbit Anti-Human Grb10 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Human.



WB (Western Blot)

Western Blot: Sample: Lane1: Human Lung Tissue; Lane2: Human Hela Cells; Lane3: Mouse Brain Tissue.

ADDITIONAL INFORMATION

Product Categories/Family for anti-Grb10 antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	48762693
NCBI GeneID	2887
NCBI Accession #	NP_001001549.1
NCBI GenBank Nucleotide #	NM_001001549.2
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 b
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

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.