

Rabbit GRB7 Polyclonal Antibody | anti-GRB7 antibody

Anti-GRB7 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45711	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

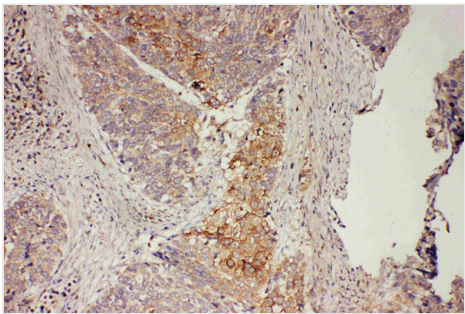
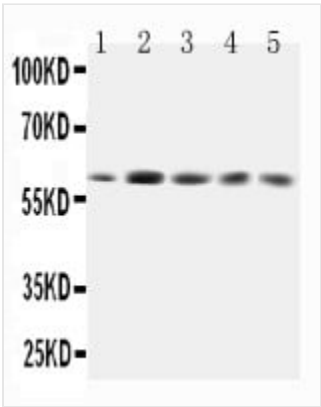
PRODUCT SYNONYMS

GRB7; Polyclonal Antibody; Anti-GRB7 antibody; Growth factor receptor-bound protein 7; growth factor receptor-bound protein 7; B47 antibody; Epidermal growth factor receptor GRB 7 antibody; Epidermal growth factor receptor GRB-7 antibody; GRB7 adapter protein antibody; GRB7 antibody; GRB7_HUMAN antibody; Growth factor receptor bound protein 7 antibody; Growth factor receptor-bound protein 7 antibody; OTTHUMP00000164349 antibody; OTTHUMP00000164350 antibody; OTTHUMP00000164351 antibody; OTTHUMP00000164352 antibody; anti-GRB7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	532
Applicable Applications for anti-GRB7 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human GRB7 (124-141aa ARHVCEMLVQRAHALSDE), identical to the related rat and mouse sequences.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-GRB7 antibody, AAA45711, IHC(P)IHC(P): Human Oesophagus Squama Cancer Tissue

WB (Western Blot)
Anti-GRB7 antibody, AAA45711, All Western blottingAll lanes: Anti-GRB7(AAA45711) at 0.5ug/mlLane 1: Rat Testis Tissue Lysate at 40ugLane 2: SMMC Whole Cell Lysate at 40ugLane 3: HELA Whole Cell Lysate at 40ugLane 4: A549 Whole Cell Lysate at 40ugLane 5: SW620 Whole Cell Lysate at 40ugPredicted bind size: 60KDObserved bind size: 60KD

ADDITIONAL INFORMATION

Related Product Information for anti-GRB7 antibody

Description: Rabbit IgG polyclonal antibody for Growth factor receptor-bound protein 7(GRB7) detection. Tested with WB, IHC-P in Human, Mouse, Rat.

Background: GRB7, growth factor receptor-bound protein 7, is a protein which in humans is encoded by the GRB7 gene. The product of this gene belongs to a small family of adaptor proteins that are known to interact with a number of receptor tyrosine kinases and signaling molecules. This gene encodes a growth factor receptor-binding protein that interacts with epidermal growth factor receptor (EGFR) and ephrin receptors. The protein plays a role in the integrin signaling pathway and cell migration by binding with focal adhesion kinase (FAK). Alternative splicing results in multiple transcript variants encoding different isoforms, although the full-length natures of only two of the variants have been determined to date. GRB7 is an SH2-domain adaptor protein that binds to receptor tyrosine kinases and provides the intra-cellular direct link to the Ras proto-oncogene. Human GRB7 is located on the long arm of chromosome 17, next to the ERBB2 (alias HER2/neu) proto-oncogene. These two genes are commonly co-amplified (present in excess copies) in breast cancers. GRB7 thought to be involved in migration, is well known to be over-expressed in testicular germ cell tumors, esophageal cancers, and gastric cancers.

NCBI AND UNIPROT INFORMATION

NCBI GI #	116242503
NCBI GeneID	2886
UniProt Accession #	Q14451; Q53YD3; Q92568; Q96DF9; Q9Y220; B2RAV1; B3KNL0; B3KWP9; B7WP75; J3KQM4
Molecular Weight	55,920 Da
NCBI Official Full Name	Growth factor receptor-bound protein 7
NCBI Official Synonym Full Names	growth factor receptor-bound protein 7
NCBI Official Symbol	GRB7
NCBI Protein Information	growth factor receptor-bound protein 7; B47; GRB7 adapter protein; epidermal growth factor receptor GRB-7
UniProt Protein Name	Growth factor receptor-bound protein 7
UniProt Gene Name	GRB7
UniProt Entry Name	GRB7_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.

