

Rabbit anti-Human GRB14 Polyclonal Antibody | anti-GRB14 antibody

GRB14 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234065	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

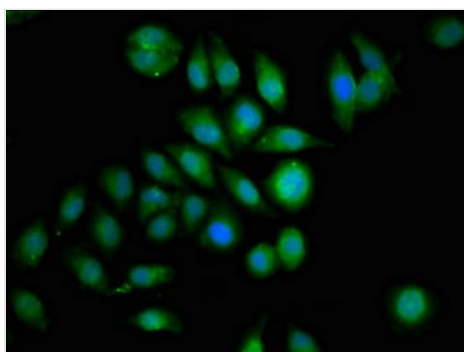
PRODUCT SYNONYMS

GRB14; Polyclonal Antibody; GRB14 Antibody; Growth factor receptor-bound protein 14; GRB14 adapter protein; anti-GRB14 antibody

PRODUCT SPECIFICATIONS

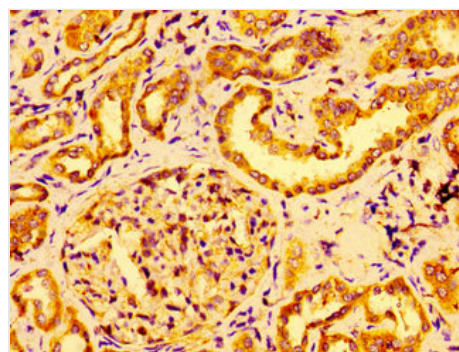
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	453
Applicable Applications for anti-GRB14 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Growth factor receptor-bound protein 14 protein (294-397AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



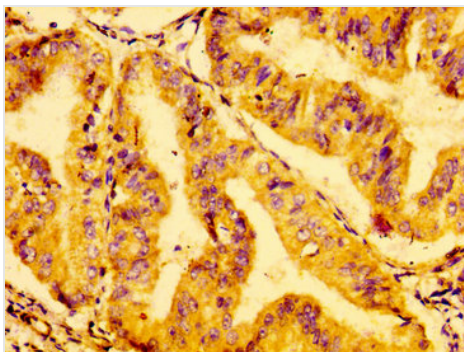
IHC (Immunohistochemistry)

Immunofluorescence staining of A549 cells with AAA234065 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234065 diluted at 1:100 and staining in paraffin-embedded human kidney tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)

IHC image of AAA234065 diluted at 1:100 and staining in paraffin-embedded human cervical cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-GRB14 antibody	Adapter protein which modulates coupling of cell surface receptor kinases with specific signaling pathways. Binds to, and suppresses signals from, the activated insulin receptor (INSR). Potent inhibitor of insulin-stimulated MAPK3 phosphorylation. Plays a critical role regulating PDPK1 membrane translocation in response to insulin stimulation and serves as an adapter protein to recruit PDPK1 to activated insulin receptor, thus promoting PKB/AKT1 phosphorylation and transduction of the insulin signal.
Product Categories/Family for anti-GRB14 antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	742068549
NCBI GeneID	2888
NCBI Accession #	NP_001290351.1
NCBI GenBank Nucleotide #	NM_001303422.1
UniProt Accession #	Q14449; Q7Z6I1; B7Z7F9
Molecular Weight	51,946 Da
NCBI Official Full Name	growth factor receptor-bound protein 14 isoform 2
NCBI Official Synonym Full Names	growth factor receptor bound protein 14
NCBI Official Symbol	GRB14
NCBI Protein Information	growth factor receptor-bound protein 14
UniProt Protein Name	Growth factor receptor-bound protein 14
UniProt Gene Name	GRB14

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/grb14-antibody-immunofluorescence-immunohistochemistry-elisa/234065>