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anti-GRB7 antibody (AA 233-532)

2 Images



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Overview

Quantity:	100 μL
Target:	GRB7
Binding Specificity:	AA 233-532
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GRB7 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Growth factor receptor-bound protein 7 protein (233-532AA)
Isotype:	lgG
Cross-Reactivity:	Human, Rat
Purification:	Antigen Affinity Purified

Target Details

Target:	GRB7
Alternative Name:	GRB7 (GRB7 Products)
Background:	Background: Adapter protein that interacts with the cytoplasmic domain of numerous receptor kinases and modulates down-stream signaling. Promotes activation of down-stream protein

kinases, including STAT3, AKT1, MAPK1 and/or MAPK3. Promotes activation of HRAS. Plays a role in signal transduction in response to EGF. Plays a role in the regulation of cell proliferation and cell migration. Plays a role in the assembly and stability of RNA stress granules. Binds to the 5\\'UTR of target mRNA molecules and represses translation of target mRNA species, when not phosphorylated. Phosphorylation impairs RNA binding and promotes stress granule disassembly during recovery after cellular stress (By similarity).

Aliases: 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, OTTHUMP00000164350 antibody, OTTHUMP00000164351 antibody, OTTHUMP00000164352 antibody

UniProt: Q14451

Pathways: EGFR Signaling Pathway, Ribonucleoprotein Complex Subunit Organization

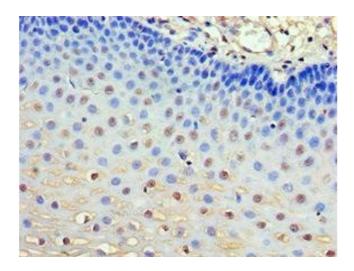
Application Details

Application Notes: Recommended dilution: WB:1:200-1:1000, IHC:1:20-1:200,

Restrictions: For Research Use only

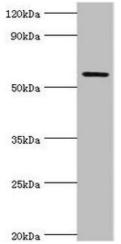
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human esophagus tissue using ABIN7154506 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: Growth factor receptor-bound protein 7 antibody at 2 µg/mL + Rat brain tissue Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 60, 50, 63, 56 kDa Observed band size: 60 kDa