Datasheet for ABIN1531649

anti-GRB10 antibody (pTyr67)

2 Images

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Overview

Quantity:	100 µg
Target:	GRB10
Binding Specificity:	AA 33-82, pTyr67
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GRB10 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human GRB10 around the phosphorylation site of Tyr67.
Isotype:	IgG
Specificity:	GRB10 (Phospho-Tyr67) Antibody detects endogenous levels of GRB10 only when phosphorylated at Tyr67. PhosphorylationH:Y67
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

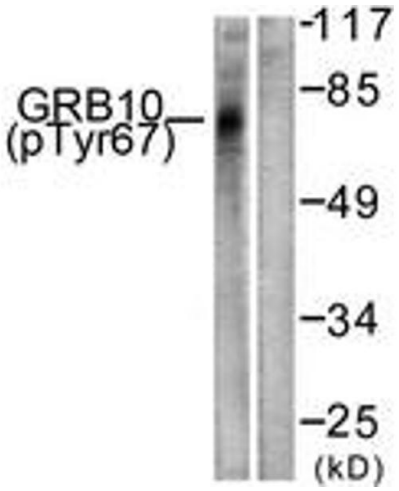
Target:	GRB10
Alternative Name:	GRB10 (GRB10 Products)
Background:	Synonyms: GRB10 adaptor protein, GRBIR, Growth factor receptor-bound protein 10, Insulin receptor binding protein GRB-IR, KIAA0207 NCBI Gene Symbol: GRB10
Molecular Weight:	67 kDa
Gene ID:	2887
OMIM:	601523
UniProt:	Q13322
Pathways:	Regulation of Carbohydrate Metabolic Process, Signaling Events mediated by VEGFR1 and VEGFR2

Application Details

Application Notes:	WB: 1:500~1:1000 IF: 1:100~1:500 ELISA: 1:20000
Comment:	Unigene-Number: Hs.164060 (NCBI Gene Symbol: GRB10)
Restrictions:	For Research Use only

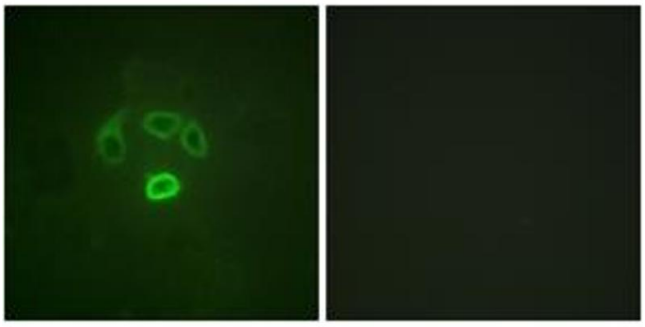
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from NIH-3T3 cells treated with Insulin 0.01U/ml 15', using GRB10 (Phospho-Tyr67) Antibody. The lane on the right is treated with the synthesized peptide.



Immunofluorescence

Image 2. Immunofluorescence analysis of HepG2 cells, using GRB10 (Phospho-Tyr67) Antibody. The picture on the right is treated with the synthesized peptide.