

Datasheet for ABIN3023559
anti-IGF1R antibody (pTyr1135)



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1 Image

Overview

Quantity:	100 µL
Target:	IGF1R
Binding Specificity:	pTyr1135
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IGF1R antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	A phospho specific peptide corresponding to residues surrounding Y1150 of human INSR and Y1135 of human IGF1R
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Phosphorylated Antibodies
Purification:	Affinity purification

Target Details

Target:	IGF1R
Alternative Name:	IGF1R/INSR (IGF1R Products)

Target Details

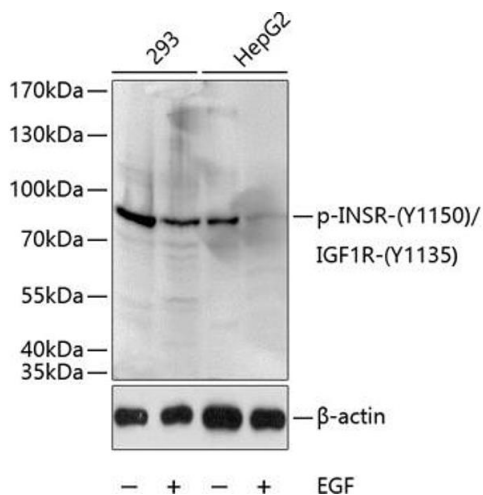
Background:	This receptor binds insulin-like growth factor with a high affinity. It has tyrosine kinase activity. The insulin-like growth factor I receptor plays a critical role in transformation events. Cleavage of the precursor generates alpha and beta subunits. It is highly overexpressed in most malignant tissues where it functions as an anti-apoptotic agent by enhancing cell survival. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, May 2014],IGF1R/INSR,Protein phosphorylation,Protein phosphorylation,Protein phosphorylation,IGF1R/INSR
Molecular Weight:	154 kDa/155 kDa/156 kDa
Gene ID:	3480, 3643
UniProt:	P08069 , P06213
Pathways:	RTK Signaling , Regulation of Hormone Metabolic Process , Regulation of Hormone Biosynthetic Process , Autophagy

Application Details

Application Notes:	WB,1:500 - 1:2000
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.
Handling Advice:	Avoid freeze / thaw cycles
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of 293 and HepG2 cells, using Phospho-INSR-Y1150/IGF1R-Y1135 antibody (ABIN3023558, ABIN3023559, ABIN3023560 and ABIN6225407) at 1:1000 dilution. 293 cells were treated by EGF (25 µg/mL) for 30 minutes after serum-starvation overnight. HepG2 cells were treated by EGF (100 ng/mL) for 30 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % BSA.