

Datasheet for ABIN7267901
anti-IGF1R antibody (pTyr1131, pTyr1146)



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1 Image

Overview

Quantity:	100 µL
Target:	IGF1R
Binding Specificity:	pTyr1131, pTyr1146
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IGF1R antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Phospho-INSR-Y1146/IGF1R-Y1131 Rabbit pAb
Immunogen:	A synthetic phosphorylated peptide around Y1146 of human INSR and Y1131 of human IGF1R.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Phosphorylated Antibodies
Purification:	Affinity purification

Target Details

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

Target Details

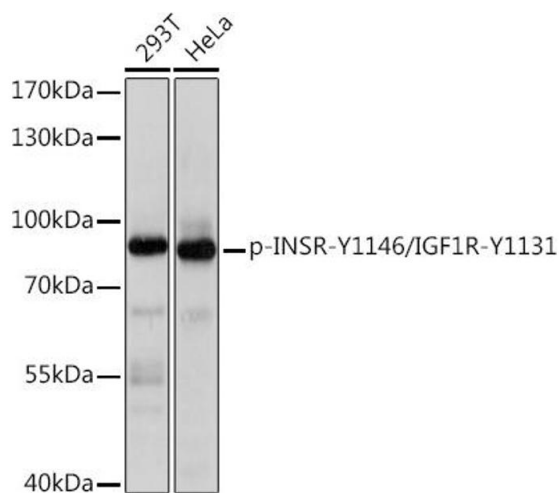
Background:	This gene encodes a member of the receptor tyrosine kinase family of proteins. The encoded preproprotein is proteolytically processed to generate alpha and beta subunits that form a heterotetrameric receptor. Binding of insulin or other ligands to this receptor activates the insulin signaling pathway, which regulates glucose uptake and release, as well as the synthesis and storage of carbohydrates, lipids and protein. Mutations in this gene underlie the inherited severe insulin resistance syndromes including type A insulin resistance syndrome, Donohue syndrome and Rabson-Mendenhall syndrome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2015],INSR/IGF1R,Protein phosphorylation,Protein phosphorylation,Protein phosphorylation,IGF1R/INSR
Molecular Weight:	155kDa
Gene ID:	3643, 3480
UniProt:	P06213 , P08069
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.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using Phospho-INSR-Y1146/IGF1R-Y1131 Rabbit pAb (ABIN7267901) at 1:1000 dilution. 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 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.