— ABLYBIO, Help Your Research

Phospho-IGF-IReceptorβ(Tyr1135/1136)/InsulinReceptorβ(Tyr115(Rabbit pAb

货号: AYP24060

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC ICC/IF
推荐浓度	**WB:** 1:500 - 1:2000 **IHC 1:50-1:200,:** **IF/ICC 1:50-1:300:**
理论分子量	156kDa
实测分子量	100,140,200kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa
细胞定位	axon,caveola,dendrite membrane,external side of plasma membrane,extracellular exosome,late endosome,lysosome,plasma membrane
纯化	Affinity purification

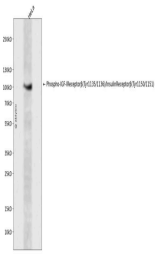
抗原信息

抗原信息	A synthetic phosphorylated peptide around IReceptorβ(Tyr1135/1136)/InsulinReceptorβ(Tyr1150/1151) of human IGF.

靶点信息

研究背景	This gene encodes a member of the receptor tyrosine kinase family of proteins. The encoded preproprote in 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 regulate s glucose uptake and release, as well as the synthesis and storage of carbohydrates, lipids and protein. M utations in this gene underlie the inherited severe insulin resistance syndromes including type A insulin r esistance syndrome, Donohue syndrome and Rabson-Mendenhall syndrome. Alternative splicing results i n multiple transcript variants.This receptor binds insulin-like growth factor with a high affinity. It has tyros ine kinase activity. The insulin-like growth factor I receptor plays a critical role in transformation events. C leavage 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 tran script variants encoding distinct isoforms have been found for this gene.
基因ID	3643,3480
基因名	INSR,IGF1R
Swiss	P06213 (https://www.uniprot.org/uniprotkb/P06213/entry), P08069 (https://www.uniprot.org/uniprotkb/P08069/entry)
别名	HHF5,CD220,IGFR,CD221,IGFIR,JTK13,Phospho-IGF-IReceptorβ(Tyr1135/1136)/InsulinReceptorβ(Tyr1150/1151) Rabbit pAb,INSR,IGF1R,Insulin-like growth factor I receptor,IGF

产品验证



Western blot analysis of Phospho-IGF-IReceptorβ(Tyr1135/1136)/InsulinReceptorβ(Tyr1150/1151) expresse d in HeLa using Phospho-IGF-IReceptorβ(Tyr1135/1136)/InsulinReceptorβ(Tyr1150/1151) Rabbit pAb at 1:1 000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blo cking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

访问官网浏览详情: www.ablybio.cn (https://www.ablybio.cn//www.ablybio.cn)