

Insulin Receptor β (phospho-Tyr1345) rabbit pAb

Catalog No: #13795

Package Size: #13795-1 50ul #13795-2 100ul

Description

Product Name	Insulin Receptor β (phospho-Tyr1345) rabbit pAb
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Applications	WB
Species Reactivity	Human
Specificity	This antibody detects endogenous levels of Human Insulin Receptor β (phospho-Tyr1345)
Immunogen Description	Synthesized phospho peptide around human Insulin Receptor β (Tyr1345)
Conjugates	Unconjugated
Other Names	Insulin receptor (IR) (EC 2.7.10.1) (CD antigen CD220) [Cleaved into: Insulin receptor subunit alpha; Insulin receptor subunit beta]
Accession No.	Swiss Prot:P06213GenelD:3643
SDS-PAGE MW	95
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

WB 1:1000-2000

Background

insulin receptor(INSR) Homo sapiens 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],

Note: This product is for in vitro research use only and is not intended for use in humans or animals.