Product Datasheet

Insulin R (phospho Tyr1355) Polyclonal Antibody

Catalog No: #13796

Package Size: #13796-1 50ul #13796-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Insulin R (phospho Tyr1355) Polyclonal Antibody
Host Species	Rabbit
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB,IHC-p,IF(paraffin section),ELISA
Species Reactivity	Human
Specificity	Phospho-Insulin R (Y1355) Polyclonal Antibody detects endogenous levels of Insulin R protein only when phosphorylated at Y1355.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human IR around the phosphorylation site of Tyr1355. AA range:1326-1375
Other Names	INSR; Insulin receptor; IR; CD antigen CD220
Accession No.	Swiss Prot:P06213GeneID:3643
Uniprot	P06213
GeneID	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

Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.

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