

Insulin Receptor beta(Phospho-Tyr1345) Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP03116
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized phosho peptide around human Insulin Receptor β (Tyr1345)
Mol wt	N/A
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	Insulin Receptor beta
Synonyms	Insulin Receptor β ; Tyr1345 ; Insulin receptor; IR; EC 2.7.10.1; CD antigen CD220; Insulin receptor subunit alpha; Insulin receptor subunit beta;

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

Recommended Dilution

WB: 1: 1000 - 1: 2000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year