

Insulin Receptor Rabbit pAb

Catalog No.: A0005

1 Publications

Basic Information

Observed MW

180kDa

Calculated MW

156kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P

Cross-Reactivity

Mouse, Rat

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 Dilutions

WB 1:500 - 1:2000

IHC-P 1:50 - 1:200

Immunogen Information

Gene ID

3643

Swiss Prot

P06213

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1130-1230 of human Insulin Receptor (NP_000199.2).

Synonyms

HHF5; CD220; Insulin Receptor

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data

