

Phospho-INSR-Y1146/IGF1R-Y1131 Rabbit pAb

Catalog No.: AP0863

Basic Information

Observed MW

95kDa

Calculated MW

155kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human

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. [provided by RefSeq, Oct 2015]

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

3643/3480

Swiss Prot

P06213/P08069

Immunogen

A synthetic phosphorylated peptide around Y1146 of human IGF1RINSR (NP_000199.2).

Synonyms

INSR/IGF1R; Phospho-INSR-Y1146/IGF1R-Y1131

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

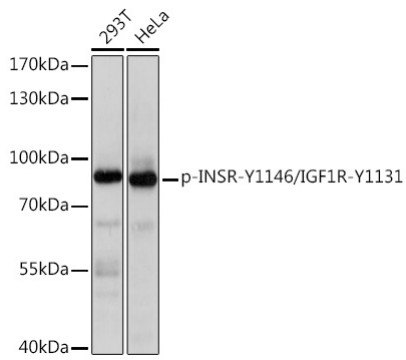
Affinity purification

Storage

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

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates using Phospho-INSR-Y1146/IGF1R-Y1131 Rabbit pAb (AP0863) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.