

Phospho-IGF1R-Y1165/1166/INSR-Y1189/1190 Rabbit pAb

Catalog No.: AP0902

Basic Information

Observed MW

125kDa

Calculated MW

154kDa/155kDa/156kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse, Rat

Background

This receptor binds insulin-like growth factor with a high affinity. It has tyrosine kinase activity. The insulin-like growth factor I receptor plays a critical role in transformation events. Cleavage of the precursor generates alpha and beta subunits. It is highly overexpressed in most malignant tissues where it functions as an anti-apoptotic agent by enhancing cell survival. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, May 2014]

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

3480/3643

Swiss Prot

P08069/P06213

Immunogen

A synthetic phosphorylated peptide around Y1165 & Y1166 of human IGF1R/IGF1R (NP_000866.1).

Synonyms

IGF1R/INSR; Phospho-IGF1R-Y1165/1166/INSR-Y1189/1190

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

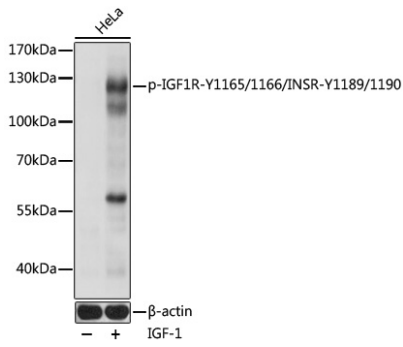
Affinity purification

Storage

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

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of lysates from HeLa cells, using Phospho-IGF1R-Y1165/1166/INSR-Y1189/1190 pAb (AP0902) at 1:1000 dilution. HeLa cells were treated by IGF-1 (50 ng/mL) at 37°C for 30 minutes after serum-starvation overnight.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% BSA.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1s.