Phospho-INSR-Y1150/IGF1R-Y1135 Rabbit pAb

Catalog NO.: AP0044 **2 Publications**

Basic Information

Observed MW
80kDa

Calculated MW
154kDa/155kDa/156kDa

Category
Phosphorylated Antibodies

Applications
WB, ELISA

Cross-Reactivity
Human, Mouse, Rat

Conjugation
Unconjugated

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

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
3643/3480

Swiss Prot
P06213/P08069

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
IGF1R/INSR; Phospho-INSR-Y1150/IGF1R-Y1135

Contact

Product Information

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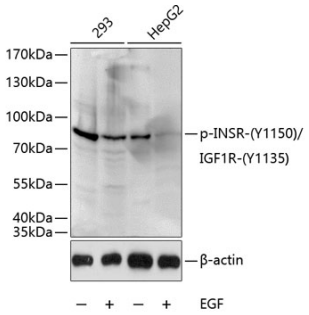
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of lysates from 293 and HepG2 cells, using Phospho-INSR-Y1150/IGF1R-Y1135 Rabbit pAb (AP0044) at 1:1000 dilution. 293 cells were treated by EGF (25μg/mL) for 30 minutes after serum-starvation overnight. HepG2 cells were treated by EGF (100ng/mL) 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.

For research use only. Not for therapeutic or diagnostic purposes.

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