

Phospho-IRS1-S1101 Rabbit pAb

Catalog No.: AP0954

Basic Information

Observed MW

180kDa

Calculated MW

132kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Mouse

Background

This gene encodes a protein which is phosphorylated by insulin receptor tyrosine kinase. Mutations in this gene are associated with type II diabetes and susceptibility to insulin resistance.

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

3667

Swiss Prot

P35568

Immunogen

A synthetic phosphorylated peptide around S1101 of human IRS1 (NP_005535.1?).

Synonyms

HIRS-1; Phospho-IRS1-S1101

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

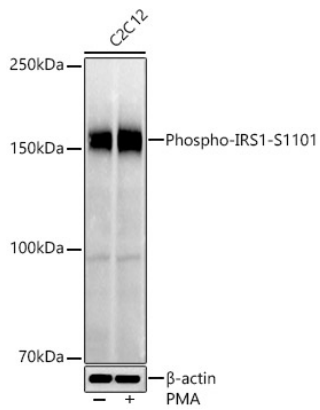
Affinity purification

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 lysates from C2C12 cells, using Phospho-IRS1-S1101 Rabbit pAb (AP0954) at 1:1000 dilution. C2C12 cells were treated by PMA/TPA (200 nM) 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% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 60s.