

Phospho-IRS1-S636/639 Rabbit pAb

Catalog No.: AP0551 **1 Publications**

Basic Information

Observed MW

180kDa

Calculated MW

132kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human

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 1:100 - 1:500

Immunogen Information

Gene ID

3667

Swiss Prot

P35568

Immunogen

A synthetic phosphorylated peptide around S636 & S639 of human IRS1 (NP_005535.1).

Synonyms

HIRS-1; Phospho-IRS1-S636/639

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

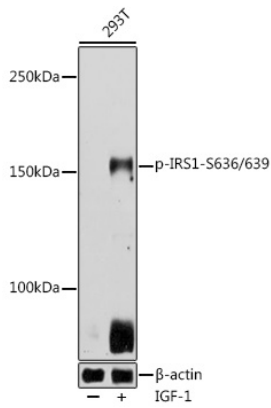
Affinity purification

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 293T cells, using Phospho-IRS1-S636/639 Rabbit pAb (AP0551) at 1:500 dilution. 293T cells were treated by IGF-1 (50 ng/ml) at 37°C for 5 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: 10s.