

# Phospho-IRS1-S612/S636 Rabbit mAb

Catalog No.: AP1507 **Recombinant** **1 Publications**

## Basic Information

### Observed MW

180kDa

### Calculated MW

132kDa

### Category

Primary antibody

### Applications

ELISA,WB,IHC-P

### Cross-Reactivity

Human, Mouse

### CloneNo number

ARC62071

## 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

|              |                |
|--------------|----------------|
| <b>WB</b>    | 1:500 - 1:1000 |
| <b>IHC-P</b> | 1:100 - 1:500  |

## Immunogen Information

### Gene ID

3667

### Swiss Prot

P35568

### Immunogen

A synthetic phosphorylated peptide around S616 of human IRS1(NP\_005535.1).

### Synonyms

HIRS-1; Phospho-IRS1-S612/S636

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

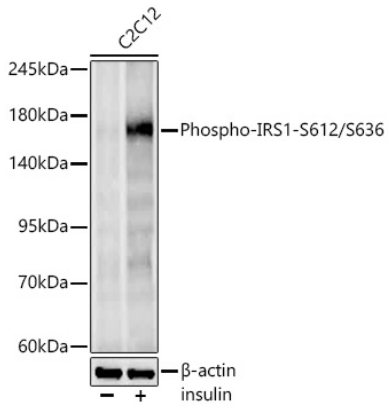
Affinity purification

### Storage

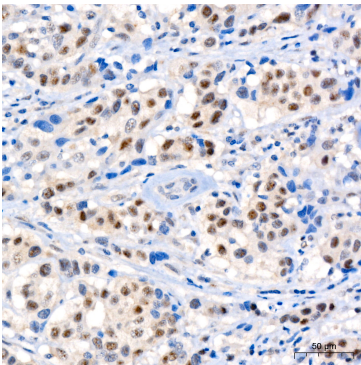
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

## Validation Data



Western blot analysis of lysates from C2C12 cells, using Phospho-IRS1-S612/S636 Rabbit mAb (AP1507) at 1:1000 dilution. C2C12 cells were treated by Insulin (100 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: 25 $\mu$ g per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using Phospho-IRS1-S612/S636 Rabbit mAb (AP1507) at dilution of 1:300 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.