

**Product Name: Phospho-IRS1 (Ser636) Rabbit Polyclonal Antibody**  
**Catalog #: APRab00788**

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## Summary

<b>Production Name</b>	Phospho-IRS1 (Ser636) Rabbit Polyclonal Antibody
<b>Description</b>	Rabbit Polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC-F,IHC-P,ICC/IF,ELISA
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Phosphorylated
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Purification

## Immunogen

<b>Gene Name</b>	IRS1
<b>Alternative Names</b>	IRS1; Insulin receptor substrate 1; IRS-1
<b>Gene ID</b>	3667
<b>SwissProt ID</b>	P35568.

## Application

<b>Dilution Ratio</b>	WB: 1:500-1:1000 IHC: 1:50-1:100 IF: 1:50-1:200 ELISA: 1:10000
<b>Molecular Weight</b>	Calculated MW: 132 kDa; Observed MW: 150 kDa

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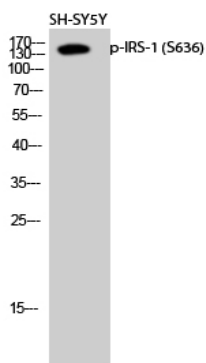
## Background

May mediate the control of various cellular processes by insulin. When phosphorylated by the insulin receptor binds specifically to various cellular proteins containing SH2 domains such as phosphatidylinositol 3-kinase p85 subunit or GRB2. Activates phosphatidylinositol 3-kinase when bound to the regulatory p85 subunit .

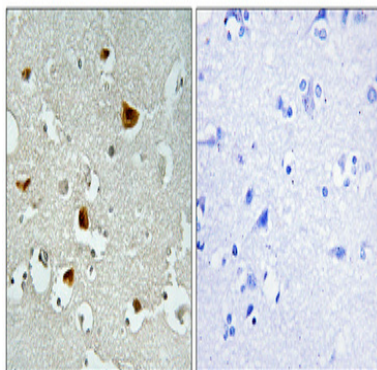
## Research Area

Tags & Cell Markers

## Image Data



Western blot analysis of Phospho-IRS1 (Ser636) in SH-SY5Y lysates using Phospho-IRS1 (S636) antibody.



Immunohistochemistry analysis of paraffin-embedded Human brain using Phospho-IRS1 (Ser636) antibody. High-pressure and temperature Tris-EDTA pH 8.0 was used for antigen retrieval. Sample with blocking peptide on the right.

## Note

For research use only.