# Phospho-IRS1 (Ser636) Polyclonal Antibody

**catalog number:** **E-AB-20908**

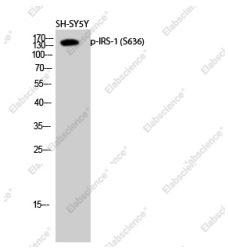
**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

## Description

| | |
|---|---|
| **Reactivity** | Human;Mouse;Rat |
| **Immunogen** | Synthesized peptide derived from human IRS-1 around the phosphorylation site of Ser636 |
| **Host** | Rabbit |
| **Isotype** | Rabbit IgG |
| **Purification** | Affinity purification |
| **Buffer** | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 0.5% protein protectant and 50% glycerol. |

| Applications | Recommended Dilution |
|---|---|
| **WB** | 1:500-1:2000 |
| **IHC** | 1:100-1:300 |
| **IF** | 1:200-1:1000 |

## Data




Western Blot analysis of SH-SY5Y cells using Phospho-IRS1 (Ser636) Polyclonal Antibody at dilution of 1:2000

**Observed-MW:150 kDa**

**Calculated-MW:132 kDa**

## Preparation & Storage

| | |
|---|---|
| **Storage** | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| **Shipping** | The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended. |

## 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.


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