

## Phospho-IRS1 (Tyr896) Polyclonal Antibody

**catalog number: E-AB-21407**

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

### Description

<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	Synthesized peptide derived from human IRS-1 around the phosphorylation site of Tyr896
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Buffer</b>	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 0.5% protein protectant and 50% glycerol.

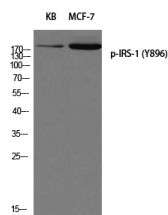
### Applications

### Recommended Dilution

**WB**

1:500-1:2000

### Data



Western Blot analysis of 1) KB, 2) MCF7 cells using Phospho-IRS1 (Tyr896) Polyclonal Antibody at dilution of 1:500

**Observed-MW:180 kDa**

**Calculated-MW:132 kDa**

### Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	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.

### For Research Use Only