

**Anti-Human/Mouse/Rat Phospho-IRS1 (Ser312) Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA01746**

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3th Edition

**Description:** 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.

**Antigen:** Synthesized peptide derived from human IRS-1 around the phosphorylation site of Ser312

**Form:**

**How to use:** 1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:** PBS (pH7.4) containing 1% BSA

**Application:** This antibody can be used for western blotting in concentration of 1?5?g/ml.

**Specificity:**