

PHOSPHO-IRS1 (SER639) RABBIT PAB

Cat.#: N225416

Product Name: Anti-Phospho-IRS1 (Ser639) Rabbit pAb

Synonyms: IRS1; Insulin receptor substrate 1; IRS-1

UNIPROT ID: P35568

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 .

Immunogen: The antiserum was produced against synthesized peptide derived from human IRS-1 around the phosphorylation site of Ser639. AA range:605-654

Applications: WB,IHC-P,ELISA

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100 ELISA: 1/10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Clone ID: -

MW: Calculated MW: 132 kDa; Observed MW: 150 kDa

Isotype: IgG

Purification: Affinity Chromatography

Species Reactivity: Human,Mouse,Rat

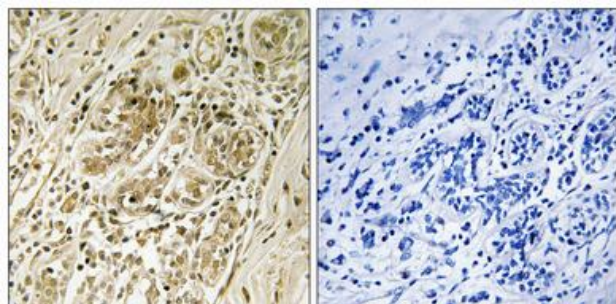
Conjugation: Unconjugated

Modification: Phosphorylated

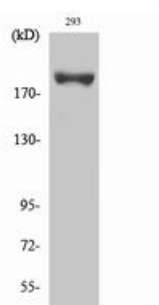
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Tags & Cell Markers

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin-embedded Human breast carcinoma, using IRS1 (Phospho-Ser639) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Sample with blocking peptide on the right.



Western blot analysis of Phospho-IRS1 (Ser639) in various lysates using Phospho-IRS1 (Ser639) antibody.