Anti-Phospho-IRS1 (Ser639) Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P010456

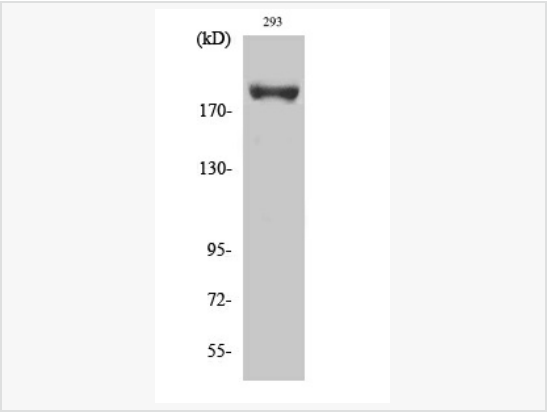
Product Information

Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; ELISA 1:10,000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	The antiserum was produced against synthesized peptide derived from human IRS-1 around the phosphorylation site of Ser639.
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Chromatography
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Phospho-IRS1 (Ser639) antibody is for research use only and not for use in diagnostic or therapeutic procedures.

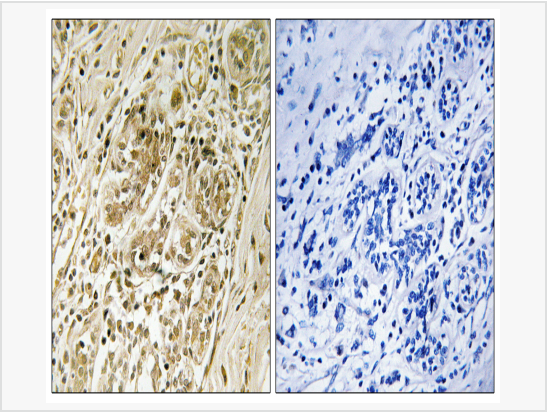
Protein Information

Synonyms	IRS1, Insulin receptor substrate 1, IRS-1.
Calculated MW	Calculated MW: 132 kDa; Observed MW: 150 kDa
Uniprot ID	P35568
Gene ID	3667
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 .

Validation Images



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



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.