Anti-Phospho-IRS1-Ser636 antibody (570-650) (STJ90308)

STJ90308

GENERAL INFORMATION

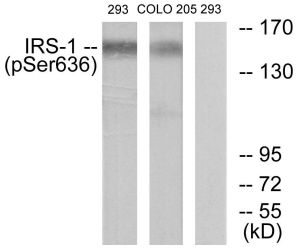
Product Type Primary antibodies
Short Description Rabbit polyclonal antibody anti-Phospho-Insulin Receptor Substrate 1-Ser636 (570-650) is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry and ELISA research applications.
Applications WB, IHC-P, IF, ICC, ELISA
Host/Source Rabbit
Reactivity Human, Mouse, Rat

PRODUCT PROPERTIES

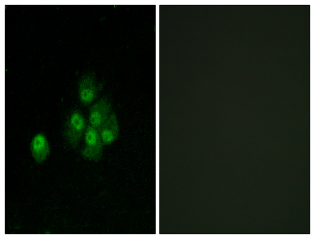
Clonality Polyclonal
Clone ID
Concentration 1 mg/mL
Conjugation Unconjugated
Purification The antibody was affinity-purified from rabbit anti-serum by affinity-chromatography.
Dilution Range WB 1:500-1:2000
IHC 1:100-1:300
IF 1:200-1:1000
ELISA 1:20000
Formulation PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Isotype IgG
Storage Instruction Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

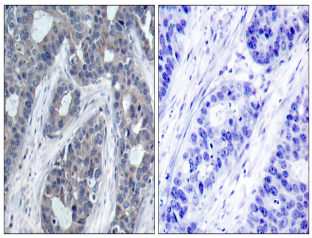
Gene ID 3667
Gene Symbol IRS1
Uniprot ID IRS1_HUMAN
Immunogen The antiserum was produced against synthesized peptide derived from human IRS-1 around the phosphorylation site of Ser636 at amino acid range 603-652
Immunogen Region 570-650
Specificity Phospho-IRS1-Ser636 polyclonal antibody (Insulin Receptor Substrate 1) binds to endogenous Insulin Receptor Substrate 1 at the amino acid region 570-650 only when phosphorylated at Ser636.
Immunogen Sequence



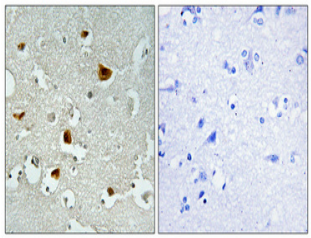
Western blot analysis of lysates from 293 cells and COLO205 cells, using IRS-1 (Phospho-Ser636) Antibody. The lane on the right is blocked with the phospho peptide.



Immunofluorescence analysis of MCF7 cells, using IRS-1 (Phospho-Ser636) Antibody. The picture on the right is blocked with the phospho peptide.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using IRS-1 (Phospho-Ser636) Antibody. The picture on the right is blocked with the phospho peptide.



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100 (4°C overnight). High-pressure and temperature Tris-EDTA, pH8.0 was used for antigen retrieval. Negetive contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081