Anti-Phospho-IRS1-Ser307 antibody (250-330) (STJ90307)

STJ90307

GENERAL INFORMATION

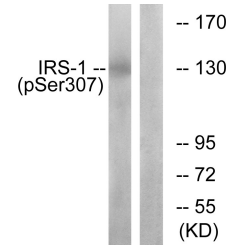
Product Type Primary antibodies
Short Description Rabbit polyclonal antibody anti-Phospho-Insulin Receptor Substrate 1-Ser307 (250-330) is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry and ELISA research applications.
Applications WB, IHC-P, IF, ICC, ELISA
Host/Source Rabbit
Reactivity Human, Mouse, Rat

PRODUCT PROPERTIES

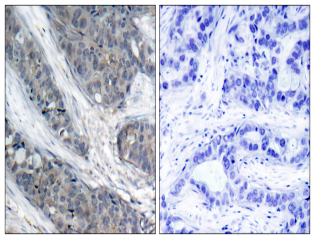
Clonality Polyclonal
Clone ID
Concentration 1 mg/mL
Conjugation Unconjugated
Purification The antibody was affinity-purified from rabbit anti-serum by affinity-chromatography.
Dilution Range WB 1:500-1:2000
IHC 1:100-1:300
IF 1:200-1:1000
ELISA 1:10000
Formulation PBS, 50% Glycerol, 0.5% BSA and 0.02% 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.

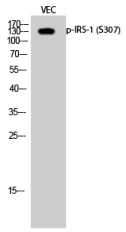
TARGET INFORMATION

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 Ser307 at amino acid range 274-323
Immunogen Region 250-330
Specificity Phospho-IRS1-Ser307 polyclonal antibody (Insulin Receptor Substrate 1) binds to endogenous Insulin Receptor Substrate 1 at the amino acid region 250-330 only when phosphorylated at Ser307.
Immunogen Sequence

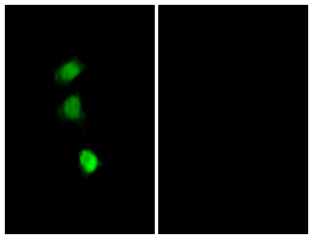


Western blot analysis of lysates from K562 cells, using IRS-1 (Phospho-Ser307) Antibody. The lane on the right is blocked with the phospho peptide.


Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using IRS-1 (Phospho-Ser307) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of VEC cells using Phospho-IRS-1 (S307) Polyclonal Antibody diluted at 1: 1000


Immunofluorescence analysis of COS7 cells, using IRS-1 (Phospho-Ser307) Antibody. The picture on the right is blocked with the phospho peptide.

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