

## Anti-Phospho-IRS1-Ser794 antibody (760-809 aa) (STJ90310)

STJ90310

### GENERAL INFORMATION

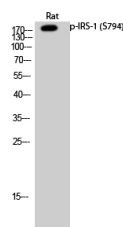
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Rabbit polyclonal antibody anti-Phospho-Insulin receptor substrate 1-Ser794 (760-809 aa) is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence and ELISA research applications.
<b>Applications</b>	WB/IHC/IF/ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse/Rat

### PRODUCT PROPERTIES

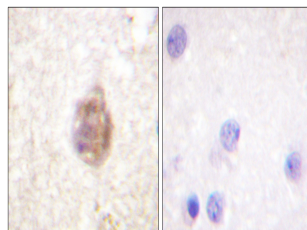
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	1 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution Range</b>	WB 1:500-1:2000 IHC 1:100-1:300 IF 1:200-1:1000 ELISA 1:40000
<b>Formulation</b>	Liquid in PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

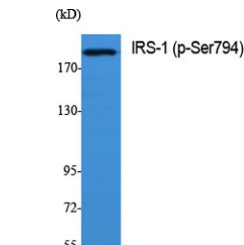
<b>Gene ID</b>	3667
<b>Gene Symbol</b>	IRS1
<b>Uniprot ID</b>	IRS1_HUMAN
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from the human IRS-1 around the phosphorylation site of Ser794 at the amino acid range 760-809
<b>Immunogen Region</b>	760-809 aa
<b>Specificity</b>	Phospho-IRS-1 (S794) Polyclonal Antibody detects endogenous levels of IRS-1 protein only when phosphorylated at S794.
<b>Immunogen Sequence</b>	



Western blot analysis of Rat cells using Phospho-IRS-1 (S794) Polyclonal Antibody diluted at 1/4 500



Immunohistochemistry analysis of paraffin-embedded human brain, using IRS-1 (Phospho-Ser794) Antibody. The picture on the right is blocked with the phosphopeptide.



Western blot analysis of various cells using Phospho-IRS-1 (S794) Polyclonal Antibody diluted at 1/4 500

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