

Anti-Phospho-IRS1-S636/639 antibody (STJ11102559)

STJ11102559

GENERAL INFORMATION

Product Type	Primary antibodies
Short Description	
Applications	WB/ELISA
Host/Source	Rabbit
Reactivity	Human

PRODUCT PROPERTIES

Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:100-1:500 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
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	MSPKSV
Immunogen Region	
Specificity	A synthetic phosphorylated peptide around S636 & S639 of human IRS1 (NP_005535.1).
Immunogen Sequence	MSPKSV



Western blot analysis of extracts of 293T cells, using Phospho-IRS1-S636/639 antibody (STJ11102559) at 1:500 dilution. 293T cells were treated by IGF-1 (50 ng/ml) at 37 °C for 5 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.

Western blot analysis of lysates from 293T cells, using Phospho-IRS1-S636/639 Rabbit polyclonal antibody (STJ11102559) at 1:500 dilution. 293T cells were treated by IGF-1 (50 ng/ml) at 37 °C for 5 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.

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.
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