

Anti-Phospho-GYS1-S641 antibody (STJ11101015)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

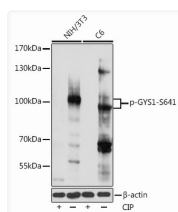
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 84kDa Observed Mw: 100kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

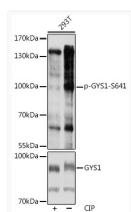
Gene ID	2997
Gene Symbol	GYS1
UniProt ID	GYS1_HUMAN
Immunogen Sequence	PASVP
Specificity	A synthetic phosphorylated peptide around S641 of human Glycogen synthase 1 (GYS1) (NP_002094.2).

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of various lysates using Phospho-GYS1-S641 Rabbit pAb (STJ11101015) at 1:1000 dilution. NIH/3T3 cells and C6 cells were treated by CIP (20uL/400ul) at 37 °C for 1 hour.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
 Lysates/proteins: 25 Mu g per lane.
 Blocking buffer: 3% BSA.
 Detection: ECL Basic Kit
 Exposure time: 10s.



Western blot analysis of lysates from 293T cells, using Phospho-GYS1-S641 pAb (STJ11101015) at 1:1000 dilution or Glycogen synthase 1 (GYS1) antibody (STJ23899). 293T cells were treated by CIP (20uL/400ul) at 37 °C for 1 hour.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
 Lysates/proteins: 25 Mu g per lane.
 Blocking buffer: 3% BSA.
 Detection: ECL Basic Kit
 Exposure time: 10s.