

Anti-Phospho-STAT1-Y701 antibody (STJ22410)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

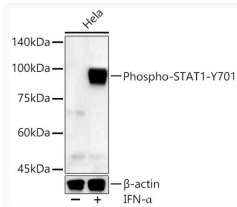
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 87kDa Observed Mw: 84kDa/91kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

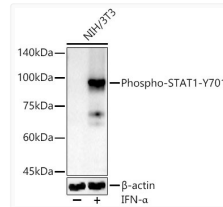
Gene ID	6772
Gene Symbol	STAT1
UniProt ID	STAT1_HUMAN
Immunogen Sequence	TGYIK
Specificity	A synthetic phosphorylated peptide around Y701 of human STAT1 (NP_009330.1).

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 lysates from HeLa cells, using Phospho-STAT1-Y701 (STJ22410) at 1:630 dilution. HeLa cells were treated by IFN-Alpha (20 ng/ml) at 37 °C for 30 minutes. 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% nonfat dry milk in TBST. Detection: ECL Basic Kit Exposure time: 180s.



Western blot analysis of lysates from NIH/3T3 cells, using Phospho-STAT1-Y701 (STJ22410) at 1:630 dilution. NIH/3T3 cells were treated by TNF-Alpha (20 ng/ml) at 37 °C for 30 minutes. 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% nonfat dry milk in TBST. Detection: ECL Basic Kit Exposure time: 180s.