

Anti-Phospho-JAK1-Y1022/1023 antibody (STJ110866)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

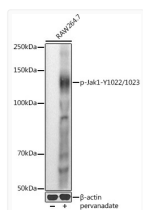
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 133kDa Observed Mw: 130kDa
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	3716
Gene Symbol	JAK1
UniProt ID	JAK1_HUMAN
Immunogen Sequence	KEYYTV
Specificity	A synthetic phosphorylated peptide around Y1034 & Y1035 of human JAK1 (NP_002218.2).

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 lysates from RAW264.7 cells, using Phospho-Jak1-Y1034/Y1035 Rabbit pAb (STJ110866) at 1:1000 dilution. RAW264.7 cells were treated by Pervanadate (1 mM) at 37 °C for 30 minutes.

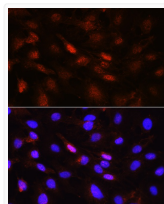
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit

Exposure time: 10s.



Immunofluorescence analysis of NIH/3T3 cells using Phospho-Jak1-Y1034/Y1035 Rabbit pAb (STJ110866) at dilution of 1:100. Blue: DAPI for nuclear staining.