Anti-STAT1 antibody (1-100) [S9MR] (STJ11101699)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IP/ELISA/ChIP-seq
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

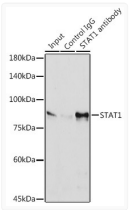
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:6000 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements. ChIP-seq:1:50-1
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 87kDa Observed Mw: 87kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

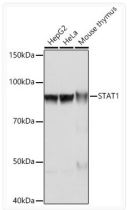
Gene ID	6772
Gene Symbol	STAT1
UniProt ID	STAT1_HUMAN
Immunogen Region	1-100
Immunogen Sequence	MSQWYELQQLDSKFLEQVHQ LYDDSFPMEIRQYLAQWLEK QDWEHAANDVSFATIRFHDL LSQLDDQYSRFSLENNFLLQ HNIRKSKRNLQDNFQEDPIQ
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human STAT1 (P42224).

ADDITIONAL INFORMATION

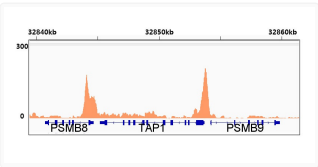
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



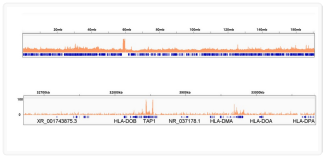
Immunoprecipitation analysis of 600 Mu g extracts of HeLa cells using 3 Mu g STAT1 antibody (STJ11101699). Western blot was performed from the immunoprecipitate using STAT1 antibody (STJ11101699) at a dilution of 1:1000.



Western blot analysis of various lysates using STAT1 Rabbit monoclonal antibody (STJ11101699) at 1:1000 dilution. Secondary antibody: HRP 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: 1s.



Chromatin immunoprecipitation was performed with 35 Mu g of cross-linked chromatin from HeLa cells treated by TNF-Alpha (30ng/ml, 1h) using 5 Mu g of STAT1 Rabbit monoclonal antibody (STJ11101699). DNA libraries were prepared using Scale ssDNA-seq Lib Prep Kit for Illumina V2 (RK20228). The ChIP sequencing results indicate the enrichment pattern of STAT1 in the representative genomic region surrounding TAP1 gene.



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