

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

STJ11101699

### GENERAL INFORMATION

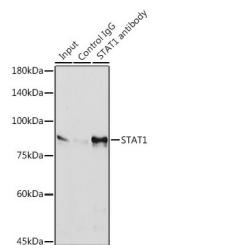
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	WB/IP/ELISA/ChIP-seq
<b>Applications</b>	WB/IP/ELISA/ChIP-seq
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse/Rat

### PRODUCT PROPERTIES

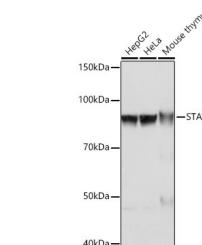
<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	S9MR
<b>Concentration</b>	Lot specific
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB:1:1000-1:6000
	IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells
	ELISA: Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
	ChIP-seq:1:50-1
<b>Formulation</b>	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
<b>Isotype</b>	IgG
<b>Storage</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
<b>Instruction</b>	

### TARGET INFORMATION

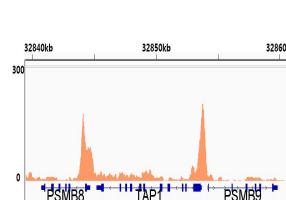
<b>Gene ID</b>	<a href="#">6772</a>
<b>Gene Symbol</b>	<a href="#">STAT1</a>
<b>Uniprot ID</b>	<a href="#">STAT1_HUMAN</a>
<b>Immunogen</b>	
<b>Immunogen Region</b>	1-100
<b>Specificity</b>	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human STAT1 (P42224).
<b>Immunogen Sequence</b>	MSQWYELQQLDKFLEQVHQ LYDDSFPMEMRQYLAQWLEK QDWEHAANDVSFATIRFHDL LSQDDQYSRFSLENNFLQ HNIRKSKRNLQDNFQEDPIQ



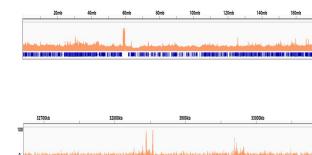
Immunoprecipitation analysis of 600 Mu g extracts of HeLa cells using 3 Mu g STAT1 antibody (STJ11101699). Western blot was performed from the immunoprecipitate using STAT1 antibody (STJ11101699) at a dilution of 1:1000.



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) (STJ50000856) at 1:10000 dilution. Lysate 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). ChIP 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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