

## Rabbit Anti-STAT1 Polyclonal Antibody

CPB-957RH Rabbit(STAT1)

Lot. No. (See product label)

### PRODUCT INFORMATION

<b>Product Overview</b>	Rabbit Anti-STAT1 Polyclonal Antibody
<b>Antigen Description</b>	Signal transducer and activator of transcription that mediates signaling by interferons (IFNs).
<b>specificity</b>	The antibody detects endogenous level of total STAT1 protein.
<b>Target</b>	STAT1
<b>Immunogen</b>	Peptide sequence around aa.699~703 (T-G-Y-I-K) derived from Human STAT1.
<b>Host</b>	Rabbit
<b>Species</b>	Human
<b>Cross Reactivity</b>	Human; Mouse; Rat
<b>conjugation</b>	N/A
<b>Applications</b>	WB, IHC

### PACKAGING

<b>Format</b>	Supplied at 1.0 mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150 mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Storage</b>	Store at -20°C / 1 year

### ANTIGEN GENE INFORMATION

<b>Gene Name</b>	<a href="#">STAT1 signal transducer and activator of transcription 1, 91kDa [ Homo sapiens ]</a>
<b>Official Symbol</b>	STAT1
<b>Synonyms</b>	STAT1; signal transducer and activator of transcription 1, 91kDa; signal transducer and activator of transcription 1, 91kD; signal transducer and activator of transcription 1-alpha/beta; ISGF 3; STAT91; transcription factor ISGF 3 components p91/p84; transcription factor ISGF-3 components p91/p84; signal transducer and activator of transcription-1; CANDF7; ISGF-3; DKFZp686B04100;
<b>GeneID</b>	<a href="#">6772</a>
<b>mRNA Refseq</b>	<a href="#">NM_007315</a>
<b>Protein Refseq</b>	<a href="#">NP_009330</a>
<b>MIM</b>	<a href="#">600555</a>
<b>UniProt ID</b>	P42224
<b>Chromosome Location</b>	2q32.2-q32.3
<b>Pathway</b>	Adipogenesis, organism-specific biosystem; Antiviral mechanism by IFN-stimulated genes, organism-specific biosystem; B Cell Receptor Signaling Pathway, organism-specific biosystem; CXCR4-mediated signaling events, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; Cytokine Signaling in Immune system, organism-specific biosystem;

**Function**

RNA polymerase II core promoter sequence-specific DNA binding; RNA polymerase II core promoter sequence-specific DNA binding transcription factor activity; calcium ion binding; double-stranded DNA binding; enzyme binding; non-membrane spanning protein tyrosine kinase activity; protein binding; protein homodimerization activity; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; NOT sequence-specific DNA binding transcription factor activity; signal transducer activity; tumor necrosis factor receptor binding;