Rabbit Anti-STAT3 Polyclonal Antibody

CPB-1249RH Rabbit(STAT3)
Lot. No. (See product label)

PRODUCT INFORMATION

Product Overview	Rabbit Anti-STAT3 Polyclonal Antibody
Antigen Description	Transcription factor that binds to the interleukin-6 (IL-6)-responsive elements identified in the promoters of various acute-phase protein gene. Activated by IL31 through IL31RA.
specificity	The antibody detects endogenous level of total STAT3 protein.
Target	STAT3
Immunogen	Peptide sequence around aa.703~707 (A-P-Y-L-K) derived from Human STAT3.
Host	Rabbit
Species	Human
Cross Reactivity	Human; Mouse; Rat
conjugation	N/A
Applications	IFA,WB,IHC

PACKAGING

Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C /1 year

ANTIGEN GENE INFORMATION

Gene Name	STAT3 signal transducer and activator of transcription 3 (acute-phase response factor) [Homo sapiens]
Official Symbol	STAT3
Synonyms	STAT3; signal transducer and activator of transcription 3 (acute-phase response factor); signal transducer and activator of transcription 3; APRF; DNA-binding protein APRF; acute-phase response factor; HIES; FLJ20882; MGC16063;
GeneID	6774
mRNA Refseq	NM_003150
Protein Refseq	NP_003141
MIM	102582
UniProt ID	P40763
Chromosome Location	17q21

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Pathway	Acute myeloid leukemia, organism-specific biosystem; Acute myeloid leukemia, conserved biosystem; Adipocytokine signaling pathway, organism-specific biosystem; Adipocytokine signaling pathway, conserved biosystem; Adipogenesis, organism-specific biosystem; Androgen Receptor Signaling Pathway, organism-specific biosystem; B Cell Receptor Signaling Pathway, organism-specific biosystem;
Function	CCR5 chemokine receptor binding; DNA binding; calcium ion binding; glucocorticoid receptor binding; ligand-activated sequence-specific DNA binding RNA polymerase II transcription factor activity; non-membrane spanning protein tyrosine kinase activity; protein binding; protein dimerization activity; protein kinase binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; signal transducer activity; transcription factor binding; transcription regulatory region DNA binding;

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