

Rabbit Anti-STAT5A Polyclonal Antibody

CPB-620RH Rabbit(STAT5A)

Lot. No. (See product label)

PRODUCT INFORMATION

Product Overview	Rabbit Anti-STAT5A Polyclonal Antibody
Antigen Description	Carries out a dual function: signal transduction and activation of transcription. Binds to the GAS element and activates PRL-induced transcription.
specificity	The antibody detects endogenous level of STAT5A only when phosphorylated at serine 780.
Target	STAT5A
Immunogen	Peptide sequence around phosphorylation site of serine 780 (R-L-S(p)-P-P) derived from Human STAT5A.
Host	Rabbit
Species	Human
Cross Reactivity	Human; Mouse; Rat
conjugation	N/A
Applications	WB, IHC

PACKAGING

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

ANTIGEN GENE INFORMATION

Gene Name	STAT5A signal transducer and activator of transcription 5A [Homo sapiens]
Official Symbol	STAT5A
Synonyms	STAT5A; signal transducer and activator of transcription 5A; STAT5; MGF;
GeneID	6776
mRNA Refseq	NM_003152
Protein Refseq	NP_003143
MIM	601511
UniProt ID	P42229
Chromosome Location	17q11.2
Pathway	Acute myeloid leukemia, organism-specific biosystem; Acute myeloid leukemia, conserved biosystem; Adipogenesis, organism-specific biosystem; Angiopoietin receptor Tie2-mediated signaling, organism-specific biosystem; CD40/CD40L signaling, organism-specific biosystem; CXCR4-mediated signaling events, organism-specific biosystem; Chronic myeloid leukemia, organism-specific biosystem;

Function

RNA polymerase II core promoter sequence-specific DNA binding; calcium ion binding; double-stranded DNA binding; protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; signal transducer activity;