

Rabbit Anti-STAT2 Polyclonal Antibody

CPB-1234RH Rabbit(STAT2)

Lot. No. (See product label)

PRODUCT INFORMATION

Product Overview	Rabbit Anti-STAT2 Polyclonal Antibody
Antigen Description	STAT2 encoded by this gene is a member of the STAT protein family. In response to cytokines and growth factors, STAT family members are phosphorylated by the receptor associated kinases, and then form homo- or heterodimers that translocate to the cell nucleus where they act as transcription activators.
specificity	The antibody detects endogenous level of total STAT2 protein.
Target	STAT2
Immunogen	Peptide sequence around aa.688~692 (R-K-Y-L-K) derived from Human STAT2.
Host	Rabbit
Species	Human
Cross Reactivity	Human
conjugation	N/A
Applications	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	STAT2 signal transducer and activator of transcription 2, 113kDa [Homo sapiens]
Official Symbol	STAT2
Synonyms	STAT2; signal transducer and activator of transcription 2, 113kDa; signal transducer and activator of transcription 2, 113kD; signal transducer and activator of transcription 2; STAT113; interferon alpha induced transcriptional activator; P113; ISGF-3; MGC59816;
GeneID	6773
mRNA Refseq	NM_005419
Protein Refseq	NP_005410
MIM	600556
UniProt ID	P52630
Chromosome Location	12q13.2

Pathway	Adipogenesis, 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; EGFR1 Signaling Pathway, organism-specific biosystem; Hepatitis C, organism-specific biosystem;
Function	DNA binding; calcium ion binding; protein binding; sequence-specific DNA binding transcription factor activity; signal transducer activity;