



# Anti-STAT2 polyclonal antibody (DPAB-DC1453)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	STAT2 (signal transducer and activator of transcription 2, 113kDa) is a protein-coding gene. Diseases associated with STAT2 include mumps, and venezuelan equine encephalitis, and among its related super-pathways are Immune response IFN alpha/beta signaling pathway and CNTF Signaling. GO annotations related to this gene include sequence-specific DNA binding transcription factor activity and signal transducer activity. An important paralog of this gene is STAT5B.
<b>Specificity</b>	This antibody recognizes ~113 KDa of Stat2.
<b>Immunogen</b>	A synthetic peptide corresponding to residues surrounding amino acids 615 of rat Stat2.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Cell lysate),
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	In PBS (30% glycerol, 0.5% BSA, 0.01% thimerosal)
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

# GENE INFORMATION

Gene Name	<a href="#">Stat2 signal transducer and activator of transcription 2 [ Rattus norvegicus (Norway rat) ]</a>
Official Symbol	STAT2
Synonyms	STAT2; signal transducer and activator of transcription 2;
Entrez Gene ID	<a href="#">288774</a>
Protein Refseq	<a href="#">NP_001011905</a>
UniProt ID	<a href="#">Q5XI26</a>
Chromosome Location	7q11
Pathway	Adipogenesis; Chemokine signaling pathway; EGFR1 Signaling Pathway; Hepatitis C
Function	DNA binding; calcium ion binding; identical protein binding; molecular_function