

## Stat2 (Phospho-Tyr690) Antibody HRP Conjugated

Catalog No: #C04699H

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## Description

Product Name	Stat2 (Phospho-Tyr690) Antibody HRP Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	WBB B IHC-PB
Species Reactivity	HuB MsB RtB B B
Immunogen Description	KLH conjugated synthetic phosphopeptide aa 670-720 851 derived from human Stat2 around the phosphorylation site of Tyr690
Conjugates	HRP
Target Name	Stat2 Tyr690
Other Names	P113; ISGF-3; STAT113; Signal transducer and activator of transcription 2; STAT2
Accession No.	Swiss-Prot#P52630NCBI Gene ID6773
Uniprot	P52630
GeneID	6773;
Excitation Emission	N A
Cell Localization	Cytoplasm, Nucleus
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## Application Details

WB=1:500-2000B B IHC-P=1:50-200

## Background

Signal transducer and activator of transcription that mediates signaling by type I IFNs (IFN-alpha and IFN-beta). Following type I IFN binding to cell surface receptors, Jak kinases (TYK2 and JAK1) are activated, leading to tyrosine phosphorylation of STAT1 and STAT2. The phosphorylated STATs dimerize, associate with IRF9 ISGF3G to form a complex termed ISGF3 transcription factor, that enters the nucleus. ISGF3 binds to the IFN stimulated response element (ISRE) to activate the transcription of interferon stimulated genes, which drive the cell in an antiviral state.

Note: This product is for in vitro research use only