

Datasheet for ABIN7169672
anti-STAT2 antibody (AA 571-851) (Biotin)



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Overview

Quantity:	100 µg
Target:	STAT2
Binding Specificity:	AA 571-851
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STAT2 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Signal transducer and activator of transcription 2 protein (571-851AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	STAT2
Alternative Name:	STAT2 (STAT2 Products)
Background:	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

Target Details

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.

Aliases: Homo sapiens interferon alpha induced transcriptional activator antibody, interferon alpha induced transcriptional activator antibody, ISGF 3 antibody, ISGF3 antibody, MGC59816 antibody, P113 antibody, signal transducer and activator of transcription 2 113kD antibody, Signal transducer and activator of transcription 2 antibody, STAT113 antibody, Stat2 antibody, STAT2_HUMAN antibody

UniProt:	P52630
Pathways:	JAK-STAT Signaling , Hepatitis C , CXCR4-mediated Signaling Events

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.