

Phospho-STAT1 (Tyr701) Antibody

Cat. No.:	HY-P80856
Synonyms:	Phospho-STAT1 (Tyr701) Antibody is a non-conjugated and Rabbit originated polyclonal antibody about 87 kDa, targeting to Phospho-STAT1 (Tyr701). It can be used for ICC/IF, WB, IHC-F, IHC-P, IP, ELISA assays with tag free, in the background of Human, Mouse, Rat, Monkey.
Host:	Rabbit
Reactivity:	Human, Mouse, Rat, Monkey
Conjugation:	Non-conjugated
SwissProt ID:	P42224
Research Field:	Signal Transduction
Molecular Weight:	Predicted band size: 87 kDa

PROPERTIES

Formulation	Supplied in 1*PBS (pH 7.3), 50% glycerol and 0.5% BSA. Preservative: 0.02% sodium azide.	
Purity	affinity purified	
Storage & Stability	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.	
Appearance	Liquid	
Application & Dilution Ratio	Application	Dilution Ratio
	WB	1:500-1:1,000
	IHC	1:50-1:100
	IF	1:50-1:200
	IP	1:20
	ELISA	1:10,000
Shipping	Shipping with blue ice.	

DESCRIPTION

Background	<p>STAT1: The protein 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. The protein encoded by this gene can be activated by various ligands including interferon-alpha, interferon-gamma, EGF, PDGF and IL6. This protein mediates the expression of a variety of genes, which is thought to be important for cell viability in response to different cell stimuli and pathogens. The protein plays an important role in immune responses to viral, fungal and mycobacterial pathogens. Mutations in this gene are associated with Immunodeficiency 31B, 31A, and 31C. [provided by RefSeq, Jun 2020]</p>
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Caution: Product has not been fully validated for medical applications. For research use only.

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