

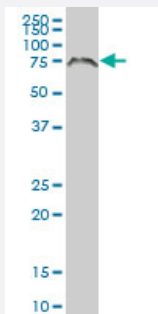
MaxPab®

STAT1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00006772-B01P

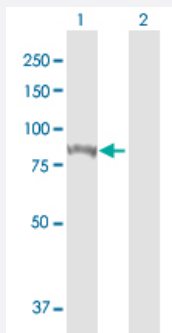
Size 50 ug

Applications



Western Blot (Tissue lysate)

STAT1 MaxPab polyclonal antibody. Western Blot analysis of STAT1 expression in human liver.

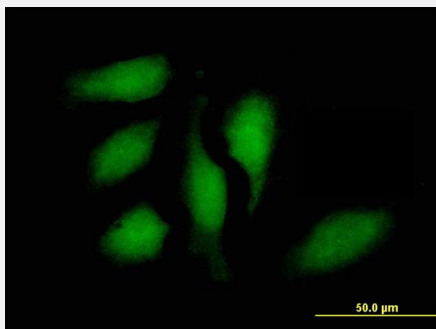


Western Blot (Transfected lysate)

Western Blot analysis of STAT1 expression in transfected 293T cell line ([H00006772-T01](#)) by STAT1 MaxPab polyclonal antibody.

Lane 1: STAT1 transfected lysate(78.32 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to STAT1 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human STAT1 protein.

Immunogen	STAT1 (AAH02704.1, 1 a.a. ~ 712 a.a) full-length human protein.
Sequence	MSQWYELQQLDSEKFLQVHQLYDDSFPMERQYLAQWLEKQDWEHAANDVSFATIRFHDLLSQL DDQYSRFSLENNFLLQHNIRKSKRNLQDNFQEDPIQMSMIYSCLKEERKILENAQRFNQAQSGNIQ STVMLDKQKELDSKVRNVKDKVMCIEHEIKSLEDLQDEYDFKCKTLQNREHETNGVAKSDQKQE QLLLKKMYLMLDNKRKEVVHKIIELLNVTETQNALINDELVEWKRRQQSACIGGPPNACLDQLQN WFTVAESLQQVRQQKLEELEQKYTYEHPITKNKQVLWDRTFSLFQQLIQSSFVVERQPCMP THPQRPLVLKTGVQFTVKLRLLVKLQELNYNLKVKVLFDKDVNERNTVKGFRKFNLGTHTKVMNM EESTNGSLAAEFRHLQLKEQKNAGTRTNEGPLVTEELHSLSFETQLCQPGGLVIDLETTSLPVVVIS NVSQPLPSGWASILWYNMLVAEPRNLSFFLTPPCARWAQLSEVLWQFSSVTKRGLNVDQLNML GEKLLGPNASPDGLIPWTRFCKENINDKNFPFWLWIESILELIKHHLLPLWNDGCIMGFISKERERA LLKDQQPGTFLLRFSSESSREGAITFTWVERSQNGGEPDFHAVEPYTKKELSAVTFPDIIIRNYKVMA AENIPENPLKYLPNIDKDHAFGKYYSRPKEAPEPEMELDGPKGTYIKTELISVSEV
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

STAT1 MaxPab polyclonal antibody. Western Blot analysis of STAT1 expression in human liver.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of STAT1 expression in transfected 293T cell line ([H00006772-T01](#)) by STAT1 MaxPab polyclonal antibody.

Lane 1: STAT1 transfected lysate(78.32 KDa).

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to STAT1 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — STAT1

Entrez GeneID	6772
GeneBank Accession#	NM_139266
Protein Accession#	AAH02704.1
Gene Name	STAT1
Gene Alias	DKFZp686B04100, ISGF-3, STAT91
Gene Description	signal transducer and activator of transcription 1, 91kDa
Omim ID	209950 600555
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the STAT protein family. In response to cytokine s 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. This protein 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. Two alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq]
Other Designations	OTTHUMP00000165047 signal transducer and activator of transcription 1 signal transducer and activator of transcription-1 transcription factor ISGF-3 components p91/p84

Pathway

- [Chemokine signaling pathway](#)
- [Jak-STAT signaling pathway](#)
- [Pancreatic cancer](#)
- [Pathways in cancer](#)
- [Toll-like receptor signaling pathway](#)

Disease

- [Arthritis](#)
- [Asthma](#)
- [Birth Weight](#)

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bronchiolitis](#)
- [Campylobacter Infections](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Chronic Disease](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Glomerulonephritis](#)
- [Hepatitis B](#)
- [Hepatitis C](#)
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- [Infant](#)
- [Leukemia](#)
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- [Liver Neoplasms](#)
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- [Lymphoma](#)
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- [Ovarian Neoplasms](#)
- [Papillomavirus Infections](#)
- [Proteinuria](#)
- [Pulmonary Disease](#)
- [Respiratory Syncytial Virus Infections](#)
- [Salmonella Infections](#)
- [Thrombocytopenia](#)
- [Thyroid Neoplasms](#)
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- [Tuberculosis](#)
- [Urinary Bladder Neoplasms](#)
- [Uterine Cervical Neoplasms](#)
- [Viremia](#)
- [Werner syndrome](#)