

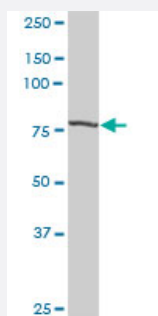
MaxPab®

STAT1 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00006772-D01

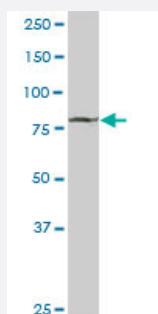
Size 100 uL

Applications



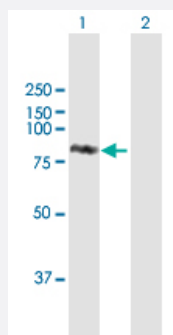
Western Blot (Tissue lysate)

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



Western Blot (Tissue lysate)

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

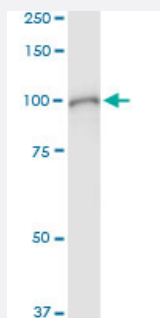


Western Blot (Transfected lysate)

Western Blot analysis of STAT1 expression in transfected 293T cell line ([H00006772-T02](#)) by STAT1 MaxPab polyclonal antibody.

Lane 1: STAT1 transfected lysate(83 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of STAT1 transfected lysate using anti-STAT1 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with STAT1 purified MaxPab mouse polyclonal antibody (B01P) ([H00006772-B01P](#)).

Specification

Product Description	Rabbit 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	MSQWYELQQLDSEKFLQVHQLYDDSFPMERQYLAQWLEKQDWEHAANDVSFATIRFHDLLSQLDDQYSRFSLENNFLLQHNIRKSKRNLDNFQEDPIQMSMIIYSCLKEERKILENAQRFNQAQSGNIQSTVMLDKQKELDSKVRNVKDKVMCIEHEIKSLEDLQDEYDFKCKTLQNREHETNGVAKSDQKQEQLLLKKMYLMLDNKRKEVVKIIELLNVTELTQNALINDELVEWKRRQQSACIGGPPNACLDQLQNWFTVAESLQQVRQQLKLEELEQKYTYEHPITKNKQVLWDRFSLFQQLIQSSFVVERQPCMPTHPQRPLVLKTGVQFTVKLRLLVKLQELNLYNLKVKVLFDKDVNERNTVKGFRKFNLGTHTKVMNMEESTNGSLAAEFRHLQLKEQKNAGTRTNEGPLVTEELHSLSFETQLCQPGGLVIDLETTSLPVVVISNVSQLP SGWASILWYNMLVAEPRNLSFFLTPPCARWAQLSEVLSWQFSSVTKRGLNVDQLNMLGEKLLGPNASPDGLIPWTRFCKENINDKNFPFWLWIESILELIKHHLLPLWNDGCIMGFISKERERALLKDQQPGTFLLRFSSESSREGAITFTWVERSQNGGEPDFHAVEPYTKKELSAVTFPDIIIRNYKVMAAENIPENPLKYL PNIKDHAFGKYYSRPKEAPEPEMELDGPKGTYIKTELISVSEV
Host	Rabbit
Reactivity	Human, Mouse
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

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

[Protocol Download](#)

- Western Blot (Tissue lysate)

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

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of STAT1 expression in transfected 293T cell line ([H00006772-T02](#)) by STAT1 MaxPab polyclonal antibody.

Lane 1: STAT1 transfected lysate(83 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of STAT1 transfected lysate using anti-STAT1 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with STAT1 purified MaxPab mouse polyclonal antibody (B01P) ([H00006772-B01P](#)).

[Protocol Download](#)

Gene Info — STAT1

Entrez GeneID [6772](#)

GeneBank Accession# [BC002704.2](#)

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](#)
- [Hypersensitivity](#)
- [Infant](#)
- [Leukemia](#)
- [Liver Cirrhosis](#)
- [Liver Neoplasms](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Lymphoma](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Multiple Sclerosis](#)
- [Neutropenia](#)
- [Osteoporosis](#)
- [Ovarian Neoplasms](#)
- [Papillomavirus Infections](#)
- [Proteinuria](#)
- [Pulmonary Disease](#)
- [Respiratory Syncytial Virus Infections](#)
- [Salmonella Infections](#)
- [Thrombocytopenia](#)

- [Thyroid Neoplasms](#)
- [Tobacco Use Disorder](#)
- [Tuberculosis](#)
- [Urinary Bladder Neoplasms](#)
- [Uterine Cervical Neoplasms](#)
- [Viremia](#)
- [Werner syndrome](#)