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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

STAT1 purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00006772-B01P

規格 : [50 ug]

[List All](#)

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:
 MSQWYELQQLDSKFLQVHQLYDDSPMEIRQYLAQWLEKQDWEHAA
 NDVSFATIRFHDLQLDDQYSRFSLENNFLLQHNIRKSKRNLQDNFQED
 PIQMSMIIYSCLKEERKILENAQRFNQAQSGNIQSTVMLDKQKELDSKVRN
 VKDKVMCIEHEIKSLEDLQDEYDFKCKTLQNRHETNGVAKSDQKQEQL
 LLKKMYLMLDNKRKEVVHKKIPELLNVTQLTQNALINDELVEWKRRQQSACI
 GGPPNACLQQLQNWFTVAESLQVVRQQLKKLEEELEQKYTYEHPITKN
 KQVLWDRTFSLFQQLIQSSFVVERQPCMPHPQRPLVLTGVQFTVKL
 RLLVKLQELNYNLKVKVLFDKDVNERNTVKGFRKFNILGTHTKVMNMEEES
 TNGSLAAEFRLQLKEQKNAGTRTNEGPLIVTEELHLSLSEFETQLCQPG
 VIDLETTSLPVVISNVSQQLPSGWASILWYNMLVAEPRNLSFFLTPPCAR
 WAQLSEVLSWQFSSVTKRGLNVDQLNMLGEKLLGPNASPDGLIPWTRF
 CKENINDKNFPFWLWIESILELIKHLPLWNDGCIMGFISKERERALLKDQ
 QPGTFLLRSESSREGAIFTWVERSQNGGEPDFHAVEPYTKKELSAVT
 FPDIIIRNYKVMAENIPENPLKYLYPNIDKDHAFGKYYSRPKEAPEPMELD
 GPKGTGYIKTELISVSEV

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

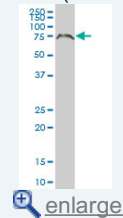
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)

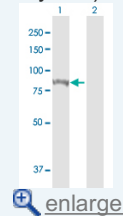
Datasheet:  [Download](#)

Application Image

Western Blot (Tissue lysate)



Western Blot (Transfected lysate)

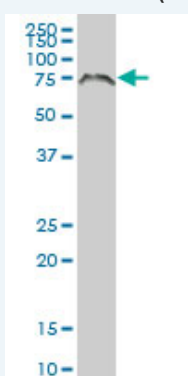


Immunofluorescence



Applications

Western Blot (Tissue lysate)

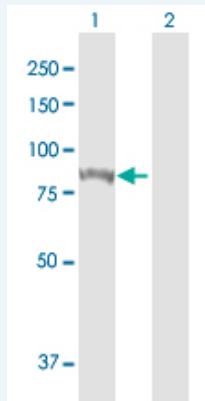


STAT1 MaxPab polyclonal antibody. Western Blot analysis of STAT1 expression in human

liver.

 [Protocol Download](#)

Western Blot (Transfected lysate)



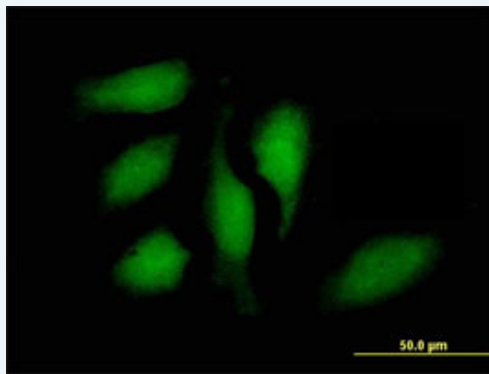
Western Blot analysis of STAT1 expression in transfected 293T cell line ([H00006772-T01](#)) by STAT1 MaxPab polyclonal antibody.

Lane 1: STAT1 transfected lysate(78.32 KDa).

Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Immunofluorescence



 [enlarge this image](#)

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

 [Protocol Download](#)

Gene Information

Entrez GeneID: [6772](#)

GeneBank [NM_139266](#)

Accession#:

Protein [AAH02704.1](#)

Accession#:

Gene Name: STAT1

Gene Alias: DKFZp686B04100,ISGF-3,STAT91

Gene Description: signal transducer and activator of transcription 1, 91kDa

Omim ID: [209950](#), [600555](#)

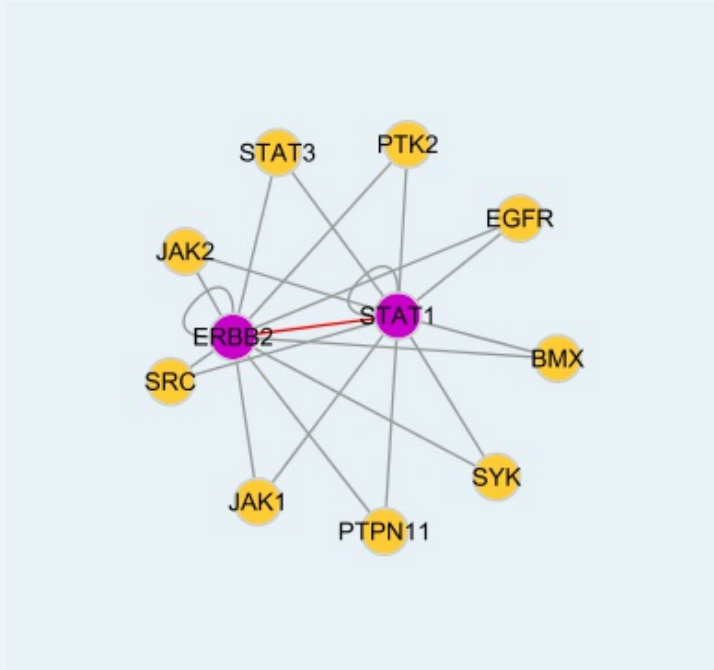
Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene is a member of the STAT protein family. In response to 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. 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

Interactome



Gene Pathway

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

Related Disease

[Arthritis](#), [Reactive Asthma](#) [Asthma Birth Weight](#) [Breast cancer](#) [Breast Neoplasms](#) [Bronchiolitis](#), [Viral Campylobacter Infections](#) [Carcinoma, Hepatocellular](#) [Carcinoma, Medullary](#) [Cardiovascular Diseases](#) [Chronic Disease](#) [Diabetes Mellitus, Type 2](#) [Disease Progression](#) [Disease Susceptibility](#) [Edema](#) [Genetic Predisposition to Disease](#) [Glioblastoma](#) [Glioma](#)

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