

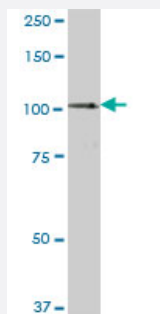
MaxPab®

STAT6 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00006778-B01P

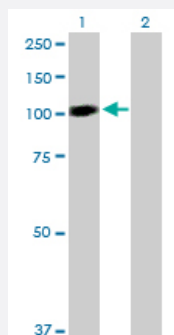
Size 50 ug

Applications



Western Blot (Tissue lysate)

STAT6 MaxPab polyclonal antibody. Western Blot analysis of STAT6 expression in human pancreas.

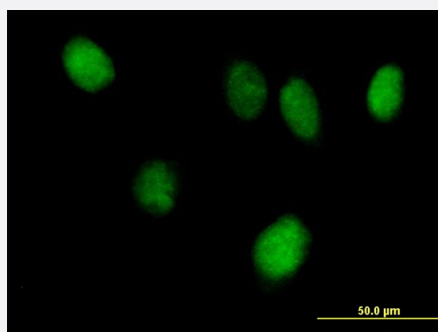


Western Blot (Transfected lysate)

Western Blot analysis of STAT6 expression in transfected 293T cell line ([H00006778-T01](#)) by STAT6 MaxPab polyclonal antibody.

Lane 1: STAT6 transfected lysate(93.17 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to STAT6 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human STAT6 protein.

Immunogen	STAT6 (NP_003144.3, 1 a.a. ~ 847 a.a) full-length human protein.
Sequence	MSLWGLVSKMPPEKVQRLYVDFPQHRLRHLLGDWLESQPWEFLVGSDAFCCNLASALLSDTVQ HLQASVGEQGEGSTILQHISTLESYQRDPLKLVA TFRQILQGEKKAVMEQFRHLPMPFHWKQEEL KFKTGLRRLQHRVGEIHLREALQKGAEAGQVSLHSLIETPANGTGPSEALAMLLQETTGELEAAK ALVLKRIQWKRQQQLAGNGAPFEESLAPLQERCESLVDIYSQLQQEVGAAGGELEPKTRASLTG RLDEVLR TLVTSCFLVEKQPPQVLKTQTKFQAGVRFLGLRFLGAPAKPPLVRADMVTEKQAREL SVPQGP GAGAESTGEIINNTVPLENSIPGNCCSALFKNLLKKIKRCERKGTESVTEEKCAVLFS A SFTLGP GKLP IQLQALSPLVVVHGNQDNNAKATILWDNAFSEMDRVPFVVAERVPWEKMCETL NLKFMAEVGTNRGLLPEHFLFLAQKIFNDNSLSMEAFQHRSVSWSQFNKEILLGRGFTFWQWFD GVLDLTKRCLRSYWSDR LIIGFISKQYVTSLLLNEPDGTFLLRFSDSEIGGITIAHVIRGQDGSPQIENI QPFSAKDLSIRSLGDRIRDLAQLKNLYPKPKDEAFRSHYKPEQMKGDKGRGYVPATIKMTVERDQ PLPTPELQMPTMVP SYDLGMAPDSSMSMQLGPDMPVQVYPHSHSIPPYQGLSPEESVNVLSA FQEPHLQMPPSLGQMSLPFDQPHPQGLLPCQPQEHA VSSPDPLLCSDVTMVEDSCLSQPVTA FPQGTWIGEDIFPPLL PTEQDLTKLLLEGQGESGGGSLGAQPLLQPSHYGQSGISMSHMDLRAN PSW
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)

STAT6 MaxPab polyclonal antibody. Western Blot analysis of STAT6 expression in human pancreas.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of STAT6 expression in transfected 293T cell line ([H00006778-T01](#)) by STAT6 MaxPab polyclonal antibody.

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to STAT6 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — STAT6

Entrez GeneID [6778](#)

GeneBank Accession# [NM_003153.3](#)

Protein Accession# [NP_003144.3](#)

Gene Name STAT6

Gene Alias D12S1644, IL-4-STAT, STAT6B, STAT6C

Gene Description signal transducer and activator of transcription 6, interleukin-4 induced

Omim ID [601512](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The protein encoded by this gene is a member of the STAT family of transcription factors. 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 plays a central role in exerting IL4 mediated biological responses. It is found to induce the expression of BCL2L1/BCL-X(L), which is responsible for the anti-apoptotic activity of IL4. Knockout studies in mice suggested the roles of this gene in differentiation of T helper 2 (Th2) cells, expression of cell surface markers, and class switch of immunoglobulins. [provided by RefSeq]

Other Designations STAT, interleukin4-induced|signal transducer and activator of transcription 6|transcription factor IL-4 STAT

Pathway

- [Jak-STAT signaling pathway](#)

Disease

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

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bronchial Hyperreactivity](#)
- [Bronchiolitis](#)
- [Cardiovascular Diseases](#)
- [Colitis](#)
- [Confusion](#)
- [Crohn Disease](#)
- [Dermatitis](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Drug Hypersensitivity](#)
- [Edema](#)
- [Endometriosis](#)
- [Food Hypersensitivity](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Graves Disease](#)
- [Hypersensitivity](#)
- [Infant](#)
- [Infertility](#)
- [Inflammatory Bowel Diseases](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Liver Diseases](#)

- [Lupus Erythematosus](#)
- [Lymphoma](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Nausea](#)
- [Neoplasms](#)
- [Nephrosis](#)
- [Nephrotic Syndrome](#)
- [Nut Hypersensitivity](#)
- [Pain](#)
- [Pulmonary Disease](#)
- [Recurrence](#)
- [Respiratory Syncytial Virus Infections](#)