

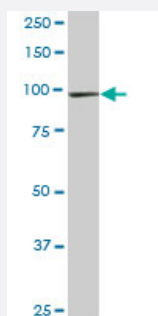
MaxPab®

STAT6 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00006778-D01P

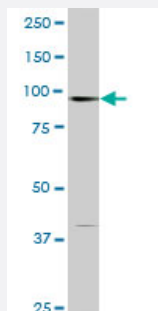
Size 100 ug

Applications



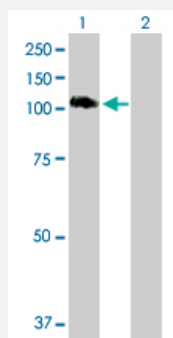
Western Blot (Tissue lysate)

STAT6 MaxPab rabbit polyclonal antibody. Western Blot analysis of STAT6 expression in mouse brain.



Western Blot (Cell lysate)

STAT6 MaxPab rabbit polyclonal antibody. Western Blot analysis of STAT6 expression in HeLa.



Western Blot (Transfected lysate)

Western Blot analysis of STAT6 expression in transfected 293T cell line ([H00006778-T02](#)) by STAT6 MaxPab polyclonal antibody.

Lane 1: STAT6 transfected lysate(94.10 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit 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	MSLWGLVSKMPPEKVVQRLYVDFPQHRLRHLLGDWLESQPWEFLVGSDAFCCNLASALLSDTVQ HLQASVGEQGEGSTILQHISTLESYQRDPLKLVA TFRQILQGEKKAVMEQFRHLPMPFHWKQEEL KFKTGLRRLQHRVGEIHLLREALQKGAEAGQVSLHSLIETPANGTGPSEALAMLLQETTGELEAAK ALVLKRIQWKRQQQLAGNGAPFEESLAPLQERCESLVDIYSQLQQEVGAAGGELEPKTRASLTG RLDEVLR TLVTSCFLVEKQPPQVLKTQTKFQAGVRFLGLRFLGAPAKPPLVRADMVTEKQAREL SVPQGP GAGAESTGEIINNTVPLENSIPGNCCSALFKNLLKKIKRCERKGTESVTEEKCAVL FSA SFTLGP GKLP IQLQALSPLVVVHGNQDNNAKATILWDNAFSEMDRVPFVVAERVPWEKMCETL NLKFMAEVGTNRGLLPEHFLFLAQKIFNDNSLSMEAFQHRSVSWSQFNKEILLGRGFTFWQWFD GVLDLTKRCLRSYWSDR LIIGFISKQYVTSLLLNEPDGTFLRFSDSEIGGITIAHVIRGQDGSPQIENI QPFSAKDLSIRSLGDRIRDLAQLKNLYPKPKDEAFRSHYKPEQMKGDKGRGYVPATIKMTVERDQ PLPTPELQMPTMVP SYDLGMAPDSSMSMQLGPDMPVQVYPPHSHSIPPYQGLSPEESVNVLSA FQEPHLQMPPSLGQMSLPFDQPHPQGLLPCQPQEHA VSSPDPLLCSDVTMVEDSCLSQPVTA FPQGTWIGEDIFPPLLPTEQDLTKLLLEGQGESGGGSLGAQPLLQPSHYGQSGISMSHMDLRAN PSW
Host	Rabbit
Reactivity	Human, Mouse
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 rabbit polyclonal antibody. Western Blot analysis of STAT6 expression in mouse brain.

[Protocol Download](#)

- Western Blot (Cell lysate)

STAT6 MaxPab rabbit polyclonal antibody. Western Blot analysis of STAT6 expression in HeLa.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of STAT6 expression in transfected 293T cell line ([H00006778-T02](#)) by STAT6 MaxPab polyclonal antibody.

Lane 1: STAT6 transfected lysate(94.10 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

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](#)