



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# STAT6 MaxPab mouse polyclonal antibody (B01) MaxPab®

Catalog # : H00006778-B01

規格 : [ 50 uL ]

[List All](#)

## Specification

<b>Product Description:</b>	Mouse polyclonal antibody raised against a full-length human STAT6 protein.
<b>Immunogen:</b>	STAT6 (NP_003144.3, 1 a.a. ~ 847 a.a) full-length human protein.
<b>Sequence:</b>	MSLWGLVSKMPPEKVQRLYVDFPQHLRHLLGDWLESQPWEFLVGSDA FCCNLASALLSDTVQHLQASVGEQEGESTILQHISTLESYQRDPLKLVAT FRQILQGEKKAVMEQFRHLPMPFHWKQEELKFKTGLRRLQHRVGEIHLL REALQKGAEAGQVSLHSLIETPANGTGPSEALAMLLQETTGELEAAKAL VLKRIQIWKRRQQLAGNGAPFEESLAPLQERCESLVDIYSQLQQEVGAA GGELEPKTRASLTGRLDEVLRTLVTSCFLVEKQPPQVLKTQTKFQAGV RFLGLRFLGAPAKPPLVRADMVTEKQARELSVPQGGAGAESTGEIIN NTVPLENSIPGNCCSALFKNLLKKIKRCERKGTESVTEEKCAVLFSASFT LGPGKLPQLQALSLPLVVIVHGNQDNNAKATILWDNAFSEMDRVPFVVA ERVPEWEMCETLNLKFMAEVGTNRGLLPEHFLFLAQKIFNDNSLSMEAF QHRSVSWSQFNKEILLGRGFTFWQWFDGVLDTKRCLRSYWSDRLLIG FISKQYVTSLLLNEPDGTFLLRFSDSEIGGITIAHVIRGQDQSPQIENIQPFS AKDLSIRSLGDRIRDLAQLKNLYPKKPKDEAFRSHYKPEQMKGKDRGYV PATIKMTVERDQPLPTPELQMPMTMVPSYDLGMAPDSSMSMLGPDMPV QYPPHSHSIPPYQGLSPEESVNLVSAFQEPHLQMPPSLGQMSLPFDQP HPQGLLPCQPQEHAVSSPDPLLCSDVTMVEDSCLSQPVTAFPQGTWIG EDIFPPLLPTEQDLTKLLLEGQGESGGGSLGAQPLLQPSHYGQSGISM SHMDLRANPSW
<b>Host:</b>	Mouse
<b>Reactivity:</b>	Human
<b>Quality Control Testing:</b>	Antibody reactive against mammalian transfected lysate.
<b>Storage Buffer:</b>	No additive
<b>Storage Instruction:</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Note:</b>	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

**MSDS:** [Download](#)

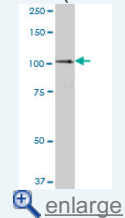
**Datasheet:** [Download](#)

## Applications

**Western Blot (Tissue lysate)**

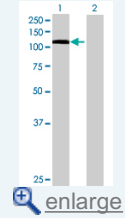
## Application Image

Western Blot (Tissue lysate)



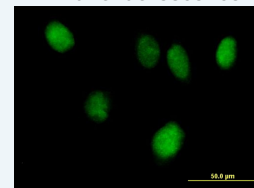
[enlarge](#)

Western Blot (Transfected lysate)

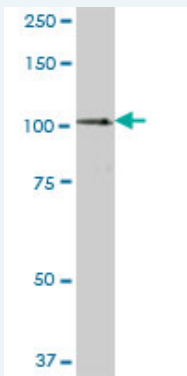


[enlarge](#)

Immunofluorescence



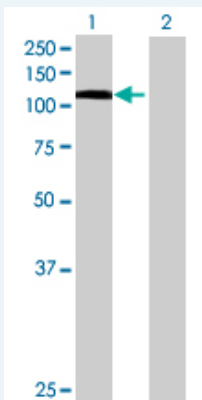
[enlarge](#)



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

[Protocol Download](#)

#### Western Blot (Transfected lysate)

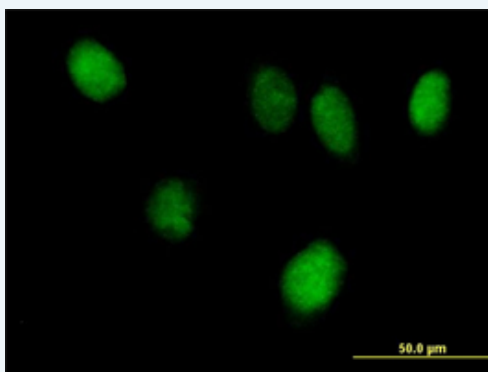


Western Blot analysis of STAT6 expression in transfected 293T cell line ([H00006778-T01](#)) by STAT6 MaxPab polyclonal antibody.

Lane 1: STAT6 transfected lysate(93.17 KDa).  
Lane 2: Non-transfected lysate.

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#### Immunofluorescence



[enlarge this image](#)

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

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#### Gene Information

Entrez GeneID: [6778](#)

GeneBank [NM\\_003153.3](#)  
Accession#:

Protein [NP\\_003144.3](#)  
Accession#:

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

#### Gene Pathway

[Jak-STAT signaling pathway](#)

#### Related Disease

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