



# SZABO SCANDIC

Part of Europa Biosite

## 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

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## STAT5B (Human) IP-WB Antibody Pair

Catalog # : H00006777-PW1

規格 : [ 1 Set ]

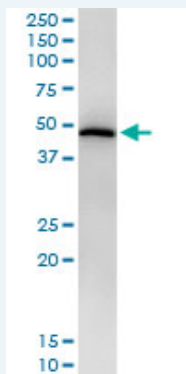
List All

### Specification

**Product Description:** This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.

**Reactivity:** Human

**Quality Control Testing:** Immunoprecipitation-Western Blot (IP-WB)



Immunoprecipitation of STAT5B transfected lysate using mouse monoclonal anti-STAT5B and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse monoclonal anti-STAT5B.

**Supplied Product:** Antibody pair set content:  
1. Antibody pair for IP: mouse monoclonal anti-STAT5B (300 ug)  
2. Antibody pair for WB: mouse monoclonal anti-STAT5B (50 ug)

**Storage Instruction:** Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

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

### Applications

Immunoprecipitation-Western Blot

 [Protocol Download](#)

### Gene Information

**Entrez GeneID:** [6777](#)

**Gene Name:** STAT5B

**Gene Alias:** STAT5

**Gene Description:** signal transducer and activator of transcription 5B

**Omim ID:** [245590](#), [604260](#)

**Gene Ontology:** [Hyperlink](#)

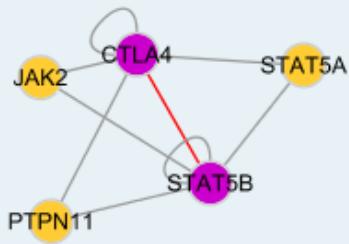
### Application Image

Immunoprecipitation-Western Blot

**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 mediates the signal transduction triggered by various cell ligands, such as IL2, IL4, CSF 1, and different growth hormones. It has been shown to be involved in diverse biological processes, such as TCR signaling, apoptosis, adult mammary gland development, and sexual dimorphism of liver gene expression. This gene was found to fuse to retinoic acid receptor-alpha (RARA) gene in a small subset of acute promyelocytic leukemias (APLL). The dysregulation of the signaling pathways mediated by this protein may be the cause of the APLL. [provided by RefSeq]

**Other Designations:** transcription factor STAT5B

### Interactome



### Gene Pathway

[Acute myeloid leukemia](#) [Chemokine signaling pathway](#) [Chronic myeloid leukemia](#)  
[ErbB signaling pathway](#) [Jak-STAT signaling pathway](#) [Pathways in cancer](#)

### Related Disease

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