

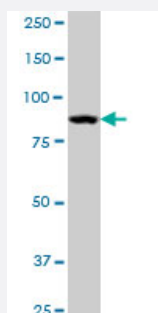
MaxPab®

STAT5A purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00006776-B01P

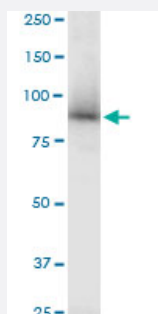
Size 50 ug

Applications



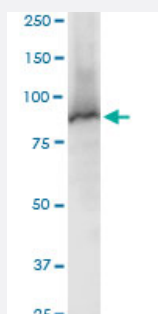
Western Blot (Cell lysate)

STAT5A MaxPab polyclonal antibody. Western Blot analysis of STAT5A expression in MCF-7.



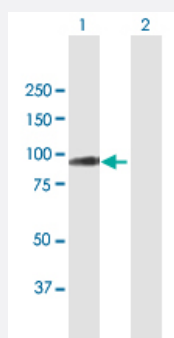
Western Blot (Cell lysate)

STAT5A MaxPab polyclonal antibody. Western Blot analysis of STAT5A expression in Raw 264.7.



Western Blot (Cell lysate)

STAT5A MaxPab polyclonal antibody. Western Blot analysis of STAT5A expression in PC-12.

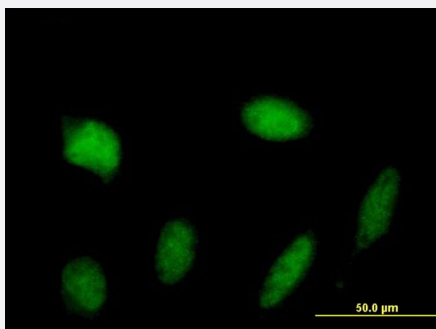


Western Blot (Transfected lysate)

Western Blot analysis of STAT5A expression in transfected 293T cell line ([H00006776-T01](#)) by STAT5A MaxPab polyclonal antibody.

Lane 1: STAT5A transfected lysate(87.34 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to STAT5A on HeLa cell.
[antibody concentration 10 ug/ml]

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human STAT5A protein.
Immunogen	STAT5A (NP_003143.2, 1 a.a. ~ 794 a.a) full-length human protein.
Sequence	MAGWIAQQLQGDALRQMQVLYGQHFPIEVRHYLAQWIESQPWDAIDLDPQDRAQATQLLEGL VQELQKKAHQVGEDGFLKIKLGHYATQLQKTYDRCPLELVRCIRHILYNEQRLVREANNCSSPA GILVDAMSQKHLQINQTFEELRLVTQDTENELKKLQQTQEYFIQYQESLRQAQFAQLAQLSPQERL SRETALQQKQVSLEAWLQREAQTLQQYRVELAEKHQKTLQLLRKQQTILDDLIQWKRRQQLAG NGGPPEGSLDVLQSWCEKLAEIWNQNRQQIRRAEHLCCQLPIPGPVEEMLAEVNATITDIISALVTS TFIIEKQPPQVLKTQTKFAATVRLLVGGKLNVMNPPQVKATIIEQQAKSLLKNENTRNECSGEILN NCCVMEYHQATGTLSAHFRNMSLKRKRADRRGAESVTEEFKFTVLVFESQFSVGSNELVFQVKTL SLPVVVIVHGSQDHNATATVLWDNAFAEPGRVPFAVPDKVLWPQLCEALNMKFKAEVQSNRGL TKENLVFLAQKLFNNSSSHLEDYSGLSVSWSQFNRENLPGWNYTFWQWFDGVMFVLLKKHHKPH WNDGAILGFVNKQQAHDLLINKPDGTFLLRFSDEIGGITIAWKFDSPERNLWNLKPFTTRDFSIRS LADRLGDLSYLIYFPDRPKDEVFSKYTPVLAKAVDGYVKPQIKQVVPEFVNASADAGGSSATY MDQAPSPAVCPQAPYNMYPQNPDPVLDQDGEFDLDETMDVARHVEELLRRPMDSLDSRLSPP AGLFTSARGSL
Host	Mouse
Reactivity	Human, Mouse, Rat
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 (Cell lysate)

STAT5A MaxPab polyclonal antibody. Western Blot analysis of STAT5A expression in MCF-7.

[Protocol Download](#)

- Western Blot (Cell lysate)

STAT5A MaxPab polyclonal antibody. Western Blot analysis of STAT5A expression in Raw 264.7.

[Protocol Download](#)

- Western Blot (Cell lysate)

STAT5A MaxPab polyclonal antibody. Western Blot analysis of STAT5A expression in PC-12.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of STAT5A expression in transfected 293T cell line ([H00006776-T01](#)) by STAT5A MaxPab polyclonal antibody.

Lane 1: STAT5A transfected lysate(87.34 KDa).

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to STAT5A on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — STAT5A

Entrez GeneID [6776](#)

GeneBank Accession# [NM_003152.2](#)

Protein Accession# [NP_003143.2](#)

Gene Name STAT5A

Gene Alias MGF, STAT5

Gene Description signal transducer and activator of transcription 5A

Omim ID [601511](#)

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 is activated by, and mediates the responses of many cell ligands, such as IL2, IL3, IL7 GM-CSF, erythropoietin, thrombopoietin, and different growth hormones. Activation of this protein in myeloma and lymphoma associated with a TEL/JAK2 gene fusion is independent of cell stimulus and has been shown to be essential for the tumorigenesis. The mouse counterpart of this gene is found to induce the expression of BCL2L1/BCL-X(L), which suggests the antiapoptotic function of this gene in cells. [provided by RefSeq]

Other Designations

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Pathway

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

Disease

- [Asthma](#)
- [Birth Weight](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bronchiolitis](#)
- [Carcinoma](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Hepatitis C](#)

- [Infant](#)
- [Leukemia](#)
- [Liver Neoplasms](#)
- [Lupus Erythematosus](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Respiratory Syncytial Virus Infections](#)
- [Viremia](#)