

DNAxPAb

Hard-to-Find
Antibody

STAT5A DNAxPab

Catalog # H00006776-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human STAT5A DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MAGWIAQQLQGDA LRQMQLVYGQHFPIEVRHYLAQWIESQPWDAIDLDPQDRAQATQLLEGLVQELQKKAHQVGEDGFLKIKLGHYATQLQKTYDRCPLELVRCIRHILYNEQRLVREANNCSSPA GILVDAMSQKHLQINQTFEELRLVTQDTENELKKLQQTQEYFIQYQESLRQAQFAQLAQLSPQERLSRETALQQKQVSLEAWLQREAQTLQQYRVELAEKHQKTLQLLRKQQTIILDDDELIQWKRRQQLAG NGGPPEGSLDVLQSWCEKLAEIWWQNRQQIRRAEHLCCQLPIPGPVEEMLAEVNATITDIISALVTS TFIEKQPPQVLKTQTKFAATVRLLVGGKLNVMNPPQVKATIIEQQAKSLLKNENTRNECSGEILN NCCVMEYHQATGTL SAHFRNMSLKRIKRADRRGAESVTEEKFTVLFESQFSVGSNELVFQVKTL SLPVVVIVHGSQDHNATATVLWDNAFAEPGRVPFAVPDKVLWPQLCEALNMKFKAEVQSNRGLTKENLVFLAQKLFNNSSSHLEDYSGLSVSWSQFNRENLPGWNYTFWQWFDGVM EVLKKHHKPH WNDGAILGFVNKQQAHDLLINKPDGTFLLRFSDSEIGGITIAWKFDSPERNLWNLKPFTTRDFSIRS LADRLGDLSYLMVFPDRPKDEVFSKYTPVLAKAVDGYVKPQIKQVPEFVNASADAGGSSATY MDQAPSPAVCPQAPYNMYPQNPDHVLDQDGEFDLDETM DVARHVEELLRRPMDSLDSRLSPP AGLFTSARGSL S
Host	Rabbit
Reactivity	Human
Purification	Protein A
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 (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

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 -

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](#)