

MaxPab®

STIL purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00006491-B01P

Size 500 ug

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human STIL protein.

Immunogen

STIL (ADR83293.1, 1 a.a. ~ 1287 a.a) full-length human protein.

Sequence

MEPIYPFARPMNTRFPSSRMVPPHFPPSKCALWNPTPTGDFMYLHLSYYRNPCLVVTEKTIRLAYR
HAKQNKKNSSCFLLGSLTADEDEEGVTLTVDRFDPGREVPECLEITPTASLPGDFLIPCKVHTQE
LCSREMMVHSVDDFSSALKALQCHICKSKDSLDCGKLLSLRVHITSRESLDSVEFDLHWAAVTLAN
NFKCTPVKPIPIPTALARNLSSNLNISQVQGTYKYGYLTMDETRLLLLLESDPKVYSLPLVGWLSG
ITHIYSPQVWACCLRYIFNSSVQERVFSESGNFIMLYSMTHKEPEFYECFPCDGKIPDFRFQLTSK
ETLHLFKNVEPPDKNPIRCELSAESQNAETEFFSKASKNFSIKRSSQKLSSGKMPIHDHDSGVED
EDFSRPIPSHPVSVQKISKIQSPVELSLVLDGNFIESNPLPTPLEMVNNENPPLINHLEHLKPLQ
PQLYDEKHSPEVEAGEPSLRGIPNQLNQDKPALLRHCKVRQPPAYKKGPNPHTRNSIKPSSHNGP
SHDIFEKLQTVSAGNVQNEEYPIRPSTLNSRQSSLAPQSQPHDFVFSPHNSGRPMELQIPTPLP
SYCSTNVCRCQHHSHIQYSPLNSWQGANTVGSIQDVQSEALQKHSLFHPSGCPALYCNAFCSS
SSPIALRPQGDMGSCSPHSNIEPSPVARPPSHMDLCNPQPCTVCMHTPKTESDNGMMGLSPDA
YRFLTEQDRQLRLLQAQIQRLLAQSLMPCSPKTTAVEDTVQAGRQMELVSVQSSPGLHMRK
GVSIQVSTGASLFWNAAGEDQEPDSQMKQDDTKISSEDMNFSVDINNEVTSPLPGSASSLKAVDIP
SFEESNIAVEEEFNQPLSVSNSSLVVRKEPDVPVFFPSGQLAESVSMCLQTGPTGGASNNSETS
EEPKIEHVMQPLLHQPSDNQKIYQDLLGQVNHLLNSSSKETEQPSTKAVIISHECTRTQNVYHTKKK
THHSRLVDKDCVLNATLKQLRSLGVKIDSPTKVKNAHNVDHASVLACISPEAVISGLNCMSFAN
VGMSGSLSPNGVDLSMEANAIKLYLNENQLSQLSVTRSNQNNCDPFSLLHINTDRSTVGLSLISPN
NMSFATKKYMKRYGLLQSSDNSEDEEPPDNADSKSEYLLNQNLRSIPEQLGGQKEPSKNDHEII
NCSNCESVGTNADTPVLRNITNEVLQTKAKQQLTEKPAFLVKNLKPSPAVNLRGTGAFTQHPEK
ENEGDITIFPESLQPSETLKQMNSMNSVGTFLDVKRLRQLPKLF

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (74)

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](#)

Gene Info — STIL

Entrez GeneID [6491](#)

GeneBank Accession# [HQ258539.1](#)

Protein Accession# [ADR83293.1](#)

Gene Name STIL

Gene Alias DKFZp686O09161, SIL

Gene Description SCL/TAL1 interrupting locus

Omim ID [181590](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a cytoplasmic protein implicated in regulation of the mitotic spindle checkpoint, a regulatory pathway that monitors chromosome segregation during cell division to ensure the proper distribution of chromosomes to daughter cells. The protein is phosphorylated in mitosis and in response to activation of the spindle checkpoint, and disappears when cells transition to G1 phase. It interacts with a mitotic regulator, and its expression is required to efficiently activate the spindle checkpoint. It is proposed to regulate Cdc2 kinase activity during spindle checkpoint arrest. Chromosomal deletions that fuse this gene and the adjacent locus commonly occur in T cell leukemias, and are thought to arise through illegitimate V-(D)-J recombination events. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations OTTHUMP00000009566|SCL interrupting locus|TAL1 (SCL) interrupting locus

Disease

- [Tobacco Use Disorder](#)