

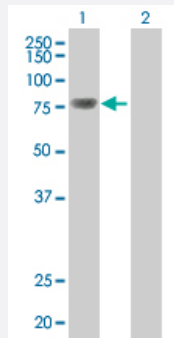
MaxPab®

TOP3B MaxPab mouse polyclonal antibody (B01P)

Catalog # H00008940-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of TOP3B expression in transfected 293T cell line ([H00008940-T01](#)) by TOP3B MaxPab polyclonal antibody.

Lane 1: TOP3B transfected lysate(94.82 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human TOP3B protein.

Immunogen

TOP3B (NP_003926, 1 a.a. ~ 862 a.a) full-length human protein.

Sequence

MKTVLMVAEKPSLAQSIKILSRGSLSSHKGLNGACSVHEYTGTFAGQPVRFKMTSVCGHVMTLD
FLGKYNKWDKVDPAELFSQAPTEKKEANPKLNMVKFLQVEGRGCDYVLWLDCKEKENICFEV
LDAVLPVMNKAHGGEKTVFRARFSSITDIDICNAMACLGEPDHNEALSVDARQELDLRIGCAFTR
FQTKYFQGGYGDLDSSLSIFGPCQTPTLGFVVERHDKIQSFKPETYWVLQAKVNTDKDRSLLLDW
DRVRFVDREIAQMFLNMTKLEKEAQVEATSRKEKAKQRPLALNTVEMLRVASSSLGMGPQHAM
QTAERLYTQGYISYPRTEETHYPENFDLKGSLRQQANHPYWADTVKRLAEGINRPRKGHDAGDH
PPITPMKSATEAELGGDAWRLYEYTRHFIVSHDCKYLQSTISFRIGPELFTCSGKTVLSPGFTEV
MPWQSVPLEESLPTCQRGDAFPVGEVKMLEKQTNPPDYLTEAELITLMEKHGIGTDASIPVHINNI
CQRNYVTVESGRRLKPTNLGMLVHGYKIDAELVLPTIRSAVEKQLNLIAQGKADYRQVLGHTLDV
FKRKHFHYFVDSIAGMDELMEVSFSPLAATGKPLSRCGKCHRFMKYQAKPSRLHCSHCDETYTLP
QNGTIKLYKELRCPLDDFELVLWSSGSRGKSYPLCPYCYNHPPFRDMKKGMGCNECTHPSCQH
SLSMLGIGQCVECESGVLVLDPTSGPKWKVACNKCNCVVAHCFENAHVRVVSADTCVCEAALL
DVDFNKAKSPLPGDETQHMGCVFCDPVFQELVELKHAASCHPMHRGGPGRRQGRGRGRARR
PPGKPNRRPKDKMSALAAAYFV

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (95); Rat (94)
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)

Western Blot analysis of TOP3B expression in transfected 293T cell line ([H00008940-T01](#)) by TOP3B MaxPab polyclonal antibody.

Lane 1: TOP3B transfected lysate(94.82 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — TOP3B

Entrez GeneID	8940
GeneBank Accession#	NM_003935
Protein Accession#	NP_003926
Gene Name	TOP3B
Gene Alias	FLJ39376
Gene Description	topoisomerase (DNA) III beta
Omim ID	603582
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a DNA topoisomerase, an enzyme that controls and alters the topologic state of DNA during transcription. This enzyme catalyzes the transient breaking and rejoining of a single strand of DNA which allows the strands to pass through one another, thus relaxing the supercoils and altering the topology of DNA. The enzyme interacts with DNA helicase SGS1 and plays a role in DNA recombination, cellular aging and maintenance of genome stability. Alternative splicing of the C-terminus of this gene results in three transcript variants which have distinct tissue specificity; however, not all variants have been fully described. [provided by RefSeq]
Other Designations	topoisomerase III beta

Pathway

- [Homologous recombination](#)