

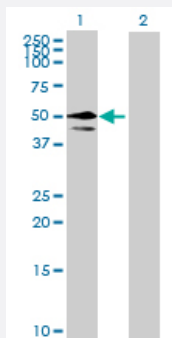
MaxPab®

CDC40 MaxPab mouse polyclonal antibody (B01P)

Catalog # H00051362-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CDC40 expression in transfected 293T cell line ([H00051362-T01](#)) by CDC40 MaxPab polyclonal antibody.

Lane 1: CDC40 transfected lysate(63.69 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human CDC40 protein.

Immunogen

CDC40 (NP_056975, 1 a.a. ~ 579 a.a) full-length human protein.

Sequence

MSAAIAALAASYGSGSGSESDSDSESSRCPLPAADSLMHLTKSPSSKPSLAVAVDSAPEVAVK
EDLETGVHLDPAVKEVQYNPTYETMFAPEFGPENPFRTQQMAAPRNMLSGYAEPAHINDFMFEQ
QRTTFATYGYALDPSLDNHQVSAKYIGSVVEAEKNQGLTVFETGQKKTEKRKKFKENDASNIDGF
LGPWAKYVDEKDVAKPSEEEQKELDEITAKRQKKGKQEEKPGEEKTILHV/KEMYDYQGRSYLHI
PQDVGVNLRSTMPPEKCYLPKKQIHVWSGHTKGVSAVRLFPLSGHLLLSCSMDCKIKLWEVYGE
RRCLRTFIGHSKAVRDICFNTAGTQFLSAAYDRYLKLWDTETGQCISRFTNRKVPYCVKFNPDDEK
QNLVAGMSDKKIVQWDIRSGEIVQEYDRHLGAVNTIVFDENRRFVSTSDDKSLRVWEWDIPVD
FKYAEPSMHSMPTLSPNGKWLACQSMNQILIFGAQNRFRNLNKKKIFKGHVMVAGYACQVDFS
PDMSYVISGDNGKLNMDWKTTLKLYSRFKAHDKVCIGAVWHPHETSKVITCGWDGLIKLWD

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (98); Rat (99)

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.

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[Protocol Download](#)

Gene Info — CDC40

Entrez GeneID

[51362](#)

GeneBank Accession#

[NM_015891](#)

Protein Accession#

[NP_056975](#)

Gene Name

CDC40

Gene Alias

EHB3, FLJ10564, MGC102802, PRP17, PRPF17

Gene Description

cell division cycle 40 homolog (S. cerevisiae)

Omim ID

[605585](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

Pre-mRNA splicing occurs in two sequential transesterification steps. The protein encoded by this gene is found to be essential for the catalytic step II in pre-mRNA splicing process. It is found in the spliceosome, and contains seven WD repeats, which function in protein-protein interactions. This protein has a sequence similarity to yeast Prp17 protein, which functions in two different cellular processes: pre-mRNA splicing and cell cycle progression. It suggests that this protein may play a role in cell cycle progression. [provided by RefSeq]

Other Designations

EH-binding protein 3|OTTHUMP00000016997|cell division cycle 40 homolog|pre-mRNA splicing factor 17

Disease

- [Colorectal Neoplasms](#)
- [Genetic Predisposition to Disease](#)