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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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MCM7 purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00004176-B01P

規格 : [50 ug]

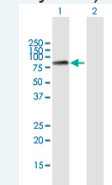
[List All](#)

Specification

Product Description:	Mouse polyclonal antibody raised against a full-length human MCM7 protein.
Immunogen:	MCM7 (NP_005907.3, 1 a.a. ~ 719 a.a) full-length human protein.
Sequence:	MALKDYALEKEKVKKFLQEFYQDDELGKKQFKYGNQLVRLAHREQVAL YVDLDDVAEDDPELVDSICENARRYAKLFADAVQELLPQYKEREVVKND VLDVYIEHRLMMEQSRDPGMVRSPQNPQYPAELMRRFELYFQGPSSNK PRVIREVRADSVGKLVTVRGIVRVSEVKPKMMVATYTCDCQCGAETYQPI QSPTFMPLMCPSEQECQTNRSNGRLYLQTRGSRFIKQEMKMQEHSDQ VPVGNIPRSITVLEVENTRIAQPGDHVSVTGIFLPILRTGFRQVVQGLLS ETYLEAHRIVKMNKSEDDGAGELTREELRQIAEEDFYEKLAASIAPEIY GHEDVKKALLLLLGGVDQSPRGMKIRGNINICLMGDPGVAKSQLLSYID RLAPRSQYTTGRGSSGVGLTAAVLRDSVSGELTLEGGALVLADQGVCC IDFDKMAEADRTAIHEVMEQQTISIAGILTTLNARCSILAAANPAYGRY NPPRSLEQNIQLPAALLSRFDLLWLIQDRPDRDNDLRLAQHITYVHQHSR QPPSQFEPLDMKLMRRYIAMCREKQPMVPESLADYIT AAYVEMRREAWA SKDATYTSARTLLAILRLSTALARLRMVDVVEKEDVNEAIRLMEMSKDSSL GDKGQTARTQRPADVIFATVRELVSGGRSVRFSEAEQRCVSRGFTPAQ FQAALDEYEELNWWQVNASRTRITFV
Host:	Mouse
Reactivity:	Human
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.
MSDS:	 Download
Datasheet:	 Download

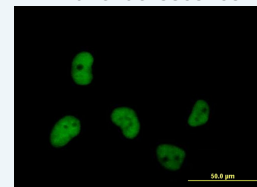
Application Image

Western Blot (Transfected lysate)



 [enlarge](#)

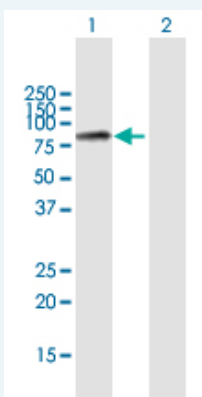
Immunofluorescence



 [enlarge](#)

Applications

Western Blot (Transfected lysate)



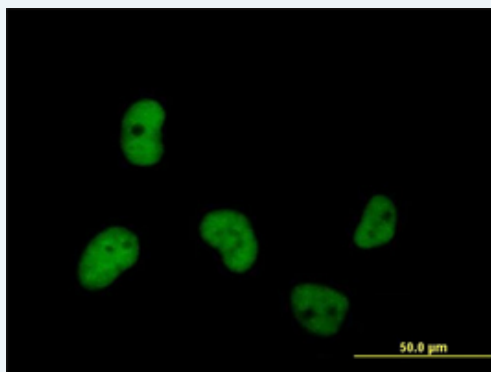
Western Blot analysis of MCM7 expression in transfected 293T cell line ([H00004176-T01](#)) by MCM7 MaxPab polyclonal antibody.


Lane 1: MCM7 transfected lysate(79.09 KDa).

Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Immunofluorescence



 [enlarge this image](#)

Immunofluorescence of [purified](#) MaxPab antibody to MCM7 on HeLa cell. [antibody concentration 10 ug/ml]

 [Protocol Download](#)

Gene Information

Entrez GeneID: [4176](#)

GeneBank [NM_005916.3](#)

Accession#:

Protein [NP_005907.3](#)

Accession#:

Gene Name: MCM7

Gene Alias: CDABP0042,CDC47,MCM2,P1.1-MCM3,P1CDC47,P85MCM,PNAS-146

Gene minichromosome maintenance complex component 7

Description:

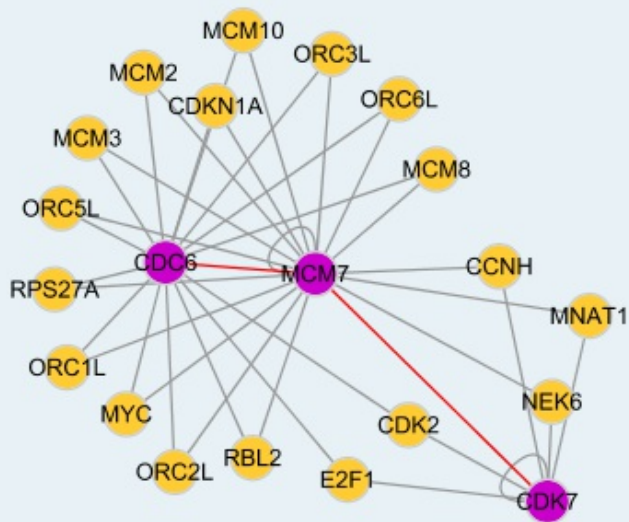
Omim ID: [600592](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene is one of the highly conserved minichromosome maintenance proteins (MCM) that are essential for the initiation of eukaryotic genome replication. The hexameric protein complex formed by the MCM proteins is a key component of the pre-replication complex (pre_RC) and may be involved in the formation of replication forks and in the recruitment of other DNA replication related proteins. The MCM complex consisting of this protein and MCM2, 4 and 6 proteins possesses DNA helicase activity, and may act as a DNA unwinding enzyme. Cyclin D1-dependent kinase, CDK4, is found to associate with this protein, and may regulate the binding of this protein with the tumorsuppressor protein RB1/RB. Alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq]

Other Designations: DNA replication licensing factor MCM7,MCM7 minichromosome maintenance deficient 7,homolog of *S. cerevisiae* Cdc47,minichromosome maintenance deficient 7

Interactome



Gene Pathway

[Cell cycle](#) [DNA replication](#)

Related Disease

[Autistic Disorder](#) [Genetic Predisposition to Disease](#)

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