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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 MaxPab mouse polyclonal antibody (B01) MaxPab®

Catalog # : H00004176-B01

規格 : [50 uL]

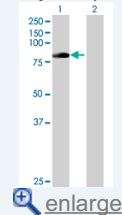
[List All](#)


Specification

Product Description:	Mouse polyclonal antibody raised against a full-length human MCM7 protein.
Immunogen:	MCM7 (NP_005907, 1 a.a. ~ 719 a.a) full-length human protein.
Sequence:	MALKDYALEKEKVKKFLQEFYQDDELGKKQFKYGNQLVRLAHREQVAL YVDLDDVAEDDPELVDSICENARRYAKLFADAVQELLPQYKEREVVKND VLDVYIEHRLMMEQSRDPGMVRSPQNPQYPAELMRRFELYFQGPSSNK PRVIREVRADSVGKLVTVRGMTRVSEVKPKMMVATYTCDCQGAETYQPI QSPTFMPLMCPSEQECQTNRSGGRLYLQTRGSRFIKFKEMKMQEHSDQ VPVGNIPRSITVLVEGENTRIAQPGDHVSVTGIFLPILRTGFRQVVQGLLS ETYLEAHRIVKMNKSEDDDESAGELTREELRQIAEEDFYEKLAASIAPEIY GHEDVKKALLLLLVGGVDQSPRGMKIRGNINICLMGDPGVAKSQQLLSYID RLAPRSQYTTGRGSSGVGLTAAVLRDSVSGELTLEGGALVLADQGVCC IDFDKMAEADRTAIHEVMEQQTISIAGILTTLNARCSILAAANPAYGRY NPRRSLEQNIQLPAALLSRFDLLWLIQDRPDRDNDLRLAQHITYVHQHSR QPPSQFEPLDMKLMRRYIAMCREKQPMVPESLADYITAAVEMRREAWA SKDATYTSARTLLAILRLSTALARLRMVDVVEKEDVNEAIRLMEMSKDSSL GDKGQTARTQRPADVIFATVRELVSNGRSVRFSEAEQRCVSRGFTPAQ FQAALDEYEELNWWQVNASRTRITFV
Host:	Mouse
Reactivity:	Human
Quality Control Testing:	Antibody reactive against mammalian transfected lysate.
Storage Buffer:	No additive
Storage Instruction:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note:	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.
MSDS:	 Download
Datasheet:	 Download

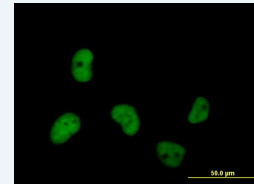
Application Image


Western Blot (Transfected lysate)



 [enlarge](#)

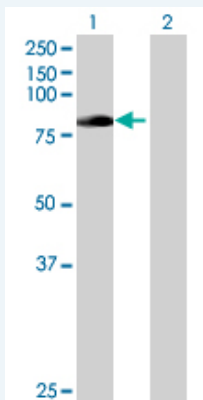
Immunofluorescence



 [enlarge](#)

Applications

Western Blot (Transfected lysate)

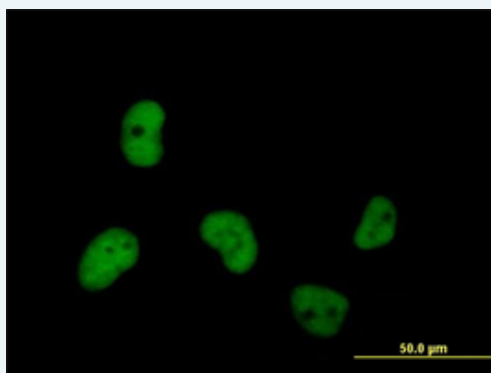


Western Blot analysis of MCM7 expression in transfected 293T cell line ([H00004176-T01](#)) by MCM7 MaxPab polyclonal antibody.

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](#)
Accession#:

Protein [NP_005907](#)
Accession#:

Gene Name: MCM7

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

Gene Description: minichromosome maintenance complex component 7

Omim ID: [600592](#)

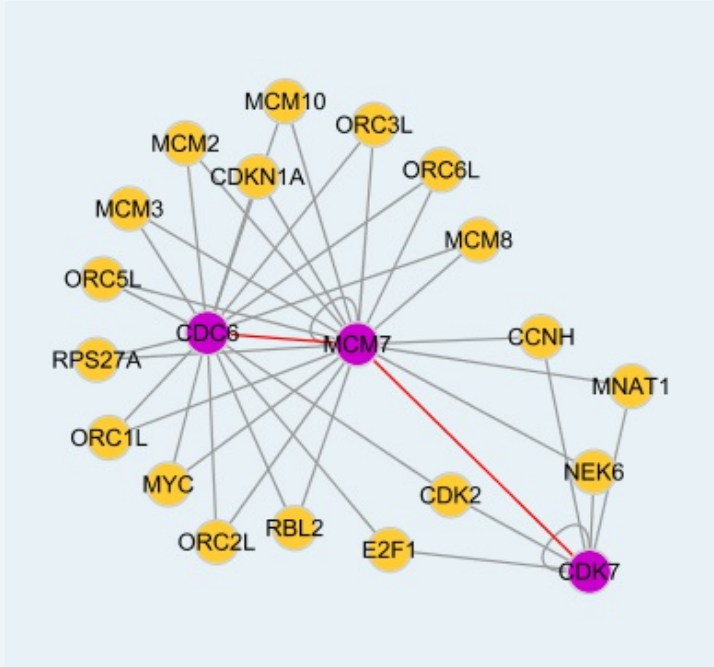
Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene is one of the highly conserved mini-chromosome 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 tumoursuppressor 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](#)