

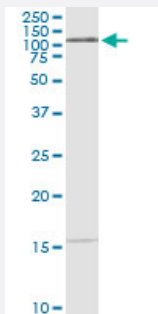
MaxPab®

MCM2 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00004171-D01

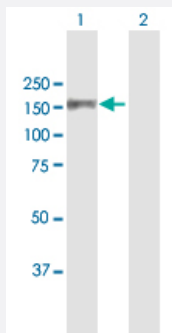
Size 100 uL

Applications



Western Blot (Cell lysate)

MCM2 MaxPab rabbit polyclonal antibody. Western Blot analysis of MCM2 expression in HepG2.

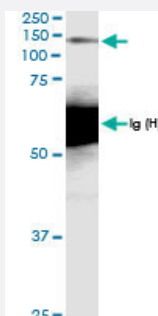


Western Blot (Transfected lysate)

Western Blot analysis of MCM2 expression in transfected 293T cell line ([H00004171-T01](#)) by MCM2 MaxPab polyclonal antibody.

Lane 1: MCM2 transfected lysate(101.90 kDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of MCM2 transfected lysate using anti-MCM2 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with MCM2 MaxPab rabbit polyclonal antibody (D01) ([H00004171-D01](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human MCM2 protein.

Immunogen	MCM2 (NP_004517.2, 1 a.a. ~ 904 a.a) full-length human protein.
Sequence	MAESSESFTMASSPAQRRRGNDPLTSSPGRSSRRTDALTTSSPGRDLPPFEDESEGLLGTEGPL EEEEEDGEELIGDGMERDYRAIPELDA YEAEGLALDDEDVEELTASQREAAERAMRQRDREAGRG LGRMRRGLLYDSDEEDEERPARKRRQVERATEDGEEDEEMIESIENLEDLKGHSVREWVSMAG PRLEIHHRFKNFLRTHVD SHGHNVFKERISDMCKENRESLVVNYEDLAAREHVLAYFLPEAPAELL QIFDEAALEVVLAMYPKYDRITNHHVRISHLPLVEELRSLRQLHLNQLIRTSGVVTSTCTGVLPQLSM VKYCNKCNFVLGPFQCSQNQEVKPGSCPECQSAGPFVEVNMEETIYQNYQRIRIQESPGKVAAG RLPRSKDAILLADLVDSCKPGDEIELTGIYHNNYDGS LNTANGFPVFATVILANHVAKKDNKVAVGE LTDEDVKMITSLSKDQQIGEKIFASIAPSIYGHEDIKRLALALF GGEPKNPGGKHKVRGDINVLLCG DPGTAKSQFLKYIEKVSSRAIFTTGQGASAVGLTAYVQRHPVSREWTL EAGALVLADRGVCLIDEF DKMNDQDRTSIHEAMEQQSISISKAGVTS LQARCTVIAAANPIGGRYDPSLTFSENVDLTEPIISRF DILCVVRDTPVPQDEMLARFVVGSHVRHHP SNKEEEGLANGSAAEPAMPNTYGVEPLPQEV L KKYIYAKERVHPKLNQMDQDKVAKMYSDLRKESMATGSIPITVRHIESMIRMAEAHARIHLRDYVIE DDVNMAIRVMLESFIDTQKF SVMRSMRKTFARYLSFRDNNELLFILKQLVAEQVTYQRNRF GAQ QDTIEVPEKDLVDKARQINIHNLSAFYDSE LFRMNKFS HDLKRKMILQQF
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (96); Rat (96)
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.

Applications

- Western Blot (Cell lysate)

MCM2 MaxPab rabbit polyclonal antibody. Western Blot analysis of MCM2 expression in HepG2.

[Protocol Download](#)

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- Immunoprecipitation

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[Protocol Download](#)

Gene Info — MCM2

Entrez GeneID	4171
GeneBank Accession#	NM_004526
Protein Accession#	NP_004517.2
Gene Name	MCM2
Gene Alias	BM28, CCNL1, CDCL1, D3S3194, KIAA0030, MGC10606, MITOTIN, cdc19
Gene Description	minichromosome maintenance complex component 2
Omim ID	116945
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is one of the highly conserved mini-chromosome maintenance proteins (MCM) that are involved in the initiation of eukaryotic genome replication. The hexameric protein complex formed by 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. This protein forms a complex with MCM4, 6, and 7, and has been shown to regulate the helicase activity of the complex. This protein is phosphorylated, and thus regulated by, protein kinases CDC2 and CDC7. [provided by RefSeq]
Other Designations	DNA replication licensing factor MCM2 MCM2 minichromosome maintenance deficient 2, mitotin cell division cycle-like 1 cyclin-like 1 minichromosome maintenance deficient 2 (mitotin) nuclear protein BM28

Pathway

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

Disease

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