

## MCM2 (phospho-Ser139) rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A17410	Rabbit	1 mg/ml	

<b>Applications</b>	WB
<b>Reactivity</b>	Human,Mouse,Rat
<b>Dilution</b>	WB 1:1000-2000
<b>Storage</b>	-20°C/1 year
<b>Specificity</b>	This antibody detects endogenous levels of Human Mouse Rat MCM2 (phospho-Ser139)
<b>Source / Purification</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
<b>Immunogen</b>	Synthesized phospho peptide around human MCM2 (Ser139)
<b>Uniprot No</b>	P49736
<b>Alternative names</b>	DNA replication licensing factor MCM2 (EC 3.6.4.12) (Minichromosome maintenance protein 2 homolog) (Nuclear protein BM28)
<b>Form</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Conjugation</b>	
<b>Background</b>	minichromosome maintenance complex component 2(MCM2) Homo sapiens 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. Multiple alternatively spliced transcript variants have been found, but the full-length nature of some variants has not been defined. [provided by RefSeq, Oct 2012],
<b>Other</b>	MCM2 BM28 CCNL1 CDCL1 KIAA0030, MCM2 (Ser139)

### Product Images:

**Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation  
IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

**Species Cross-Reactivity Key:**

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster  
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All  
Species Expected

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*For life science research only. Not for use in diagnostic procedures.*

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