

MCM2 (phospho-Ser139) rabbit pAb

Catalog_no :	AP1397
Applications :	WB
Reactivity :	Human,Mouse,Rat
Category :	抗原抗体
Size :	100µg/50µg/20µg
Gene_name :	MCM2 BM28 CCNL1 CDCL1 KIAA0030
Protein_name :	MCM2 (Ser139)
Humangene_id :	4171
Humanswissprot_no :	P49736
Mousegene_id :	17216
Mouseswissprot_no :	P97310
Immunogen :	Synthesized phosho peptide around human MCM2 (Ser139)
Specificity :	This antibody detects endogenous levels of Human Mouse Rat MCM2 (phospho-Ser139)
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Rabbit
Dilution :	WB 1:1000-2000
Purification :	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Concentration :	1 mg/ml
Storage_stability :	-20°C/1 year
Other_name :	DNA replication licensing factor MCM2 (EC 3.6.4.12) (Minichromosome maintenance protein 2 homolog) (Nuclear protein BM28)
Molecular Weight :	120KD
Background :	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],
