

MCM3 (phospho-Ser112) rabbit pAb

Catalog_no :	AP1398
Applications :	WB
Reactivity :	Human
Category :	抗原抗体
Size :	100µg/50µg/20µg
Gene_name :	MCM3
Protein_name :	MCM3 (Ser112)
Humangene_id :	4172
Humanswissprot_no :	P25205
Mousegene_id :	17215
Mouseswissprot_no :	P25206
Immunogen :	Synthesized phosho peptide around human MCM3 (Ser112)
Specificity :	This antibody detects endogenous levels of Human MCM3 (phospho-Ser112)
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 MCM3 (EC 3.6.4.12) (DNA polymerase alpha holoenzyme-associated protein P1) (P1-MCM3) (RLF subunit beta) (p102)
Molecular Weight :	89KD
Background :	minichromosome maintenance complex component 3(MCM3) 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 is a subunit of the protein complex that consists of MCM2-7. It has been shown to interact directly with MCM5/CDC46. This protein also interacts with and is acetylated by MCM3AP, a chromatin-associated acetyltransferase. The acetylation of this protein inhibits the initiation of DNA replication and cell cycle progression. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2012],
