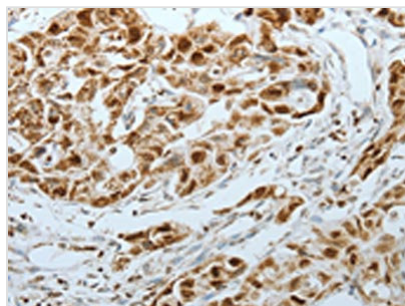


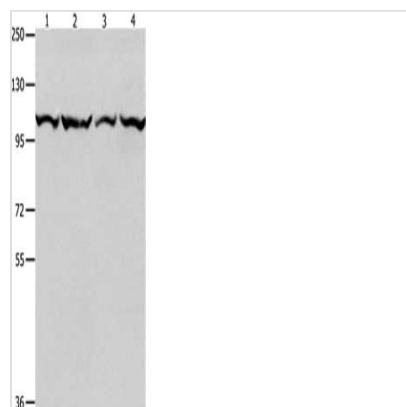
MCM3 Antibody

Product Code	CSB-PA110553
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P25205
Immunogen	Fusion protein of Human MCM3
Raised In	Rabbit
Species Reactivity	Human,Mouse
Tested Applications	ELISA,WB,IHC;ELISA:1:1000-1:5000,WB:1:500-1:2000,IHC:1:25-1:100
Relevance	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.
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Purification Method	Antigen affinity purification
Isotype	IgG
Alias	minichromosome maintenance complex component 3
Species	Homo sapiens (Human)
Target Names	MCM3

Image



The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using CSB-PA110553(MCM3 Antibody) at dilution 1/25, on the right is treated with fusion protein. (Original magnification: ×200)



Gel: 8%SDS-PAGE, Lysate: 40 μ g, Lane 1-4:
K562 cells, Jurkat cells, hela cells, 293T cells,
Primary antibody: CSB-PA110553(MCM3
Antibody) at dilution 1/550, Secondary antibody:
Goat anti rabbit IgG at 1/8000 dilution, Exposure
time: 1 minute