

MCM3 Antibody

Catalog No: #32137

Package Size: #32137-1 50ul #32137-2 100ul

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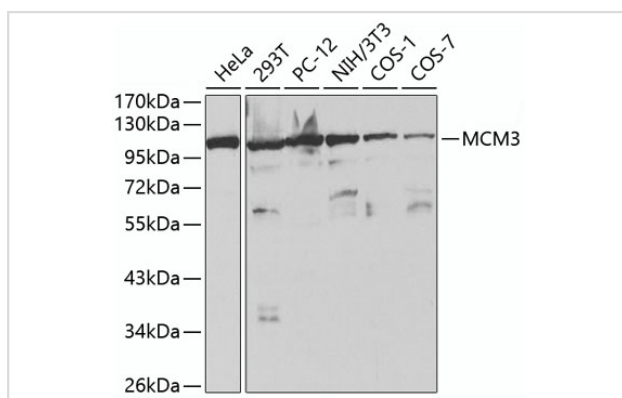
Description

Product Name	MCM3 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total MCM3 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human MCM3 (NP_002379.2).
Target Name	MCM3
Other Names	MCM3;HCC5;P1-MCM3;P1.h;RLFB
Accession No.	Uniprot:P25205GeneID:4172
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GeneID	4172
SDS-PAGE MW	105kDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

WB 1:500 - 1:2000

Images



Western blot analysis of extracts of various cell lines, using MCM3 antibody.

Background

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.

Note: This product is for in vitro research use only