

MCM2 Antibody

Catalog No: #32134

Package Size: #32134-1 50ul #32134-2 100ul

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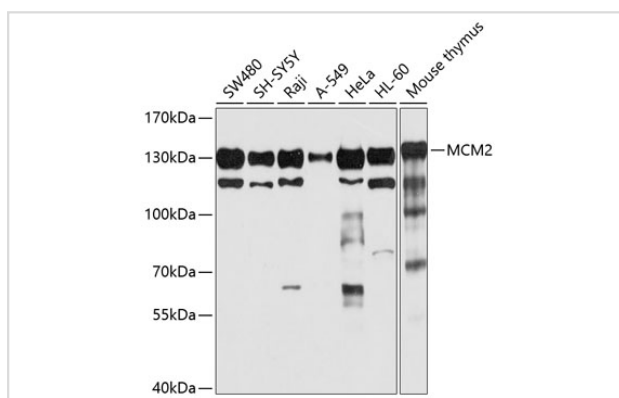
Description

Product Name	MCM2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human,Mouse
Specificity	The antibody detects endogenous level of total MCM2 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human MCM2 (NP_004517.2).
Target Name	MCM2
Other Names	MCM2;BM28;CCNL1;CDCL1;D3S3194;DFNA70;MITOTIN;cdc19
Accession No.	Uniprot:P49736GeneID:4171
SDS-PAGE MW	130kDa
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 MCM2 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 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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.