

Rabbit anti-Human MCM3 Polyclonal Antibody | anti-MCM3 antibody

MCM3 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA306038	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

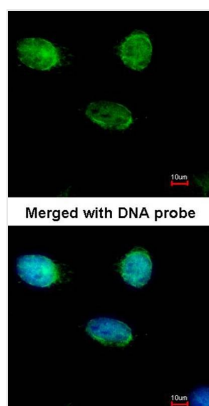
PRODUCT SYNONYMS

MCM3; Polyclonal Antibody; MCM3 antibody; anti-MCM3 antibody

PRODUCT SPECIFICATIONS

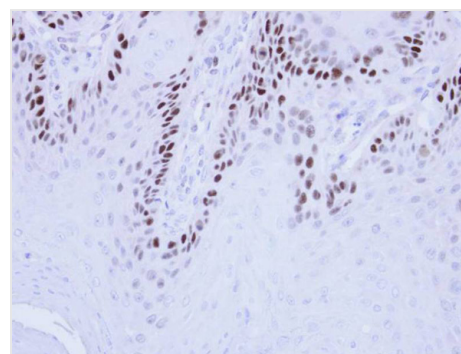
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified by antigen-affinity chromatography.
Form/Format	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Sequence Length	853
Applicable Applications for anti-MCM3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 42 and 272 of MCM3
Target Name	MCM3
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



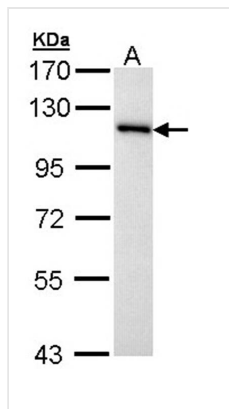
IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using MCM3 antibody at 1: 500 dilution.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Cal27 xenograft, using MCM3 antibody at 1: 500 dilution.



Application Data

Sample (30 ug of whole cell lysate) A: Hep G2 7.5% SDS PAGE Primary antibody diluted at 1: 10000

ADDITIONAL INFORMATION

Related Product Information for anti-MCM3 antibody	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 thus is acetylated by MCM3AP, a chromatin-associated acetyltransferase. The acetylation of this protein inhibits the initiation of DNA replication and cell cycle progression. [provided by RefSeq]
Product Categories/Family for anti-MCM3 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	394582093
NCBI GeneID	4172
NCBI Accession #	NP_002379
NCBI GenBank Nucleotide #	NM_002388.4
Molecular Weight	95,908 Da
NCBI Official Full Name	DNA replication licensing factor MCM3 isoform 1
NCBI Official Synonym Full Names	minichromosome maintenance complex component 3
NCBI Official Symbol	MCM3
NCBI Official Synonym Symbols	HCC5; P1.h; RLFB; P1-MCM3
NCBI Protein Information	DNA replication licensing factor MCM3
UniProt Protein Name	DNA replication licensing factor MCM3
UniProt Gene Name	MCM3
UniProt Entry Name	MCM3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/mcm3-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/306038>