

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

MCM3 Antibody

CATALOG # AAA305750	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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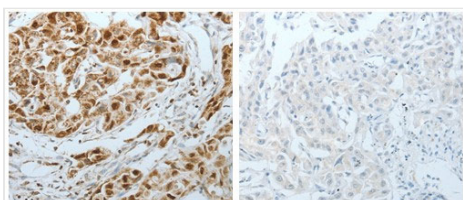
PRODUCT SYNONYMS

MCM3; Polyclonal Antibody; MCM3 Antibody; minichromosome maintenance complex component 3; HCC5; P1.h; RLFB; P1-MCM3; anti-MCM3 antibody

PRODUCT SPECIFICATIONS

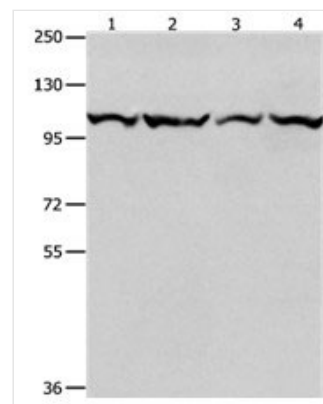
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total MCM3 protein.
Form/Format	Supplied at 0.8mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.3, 0.05% sodium azide and 50% glycerol.
Sequence Length	3084
Applicable Applications for anti-MCM3 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Recombinant protein
Immunogen Description	Fusion protein corresponding to C terminal 300 amino acids of human minichromosome maintenance complex component 3
Target Name	MCM3
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded human lung cancer tissue using 31099 (MCM3 Antibody) at dilution 1/30, on the right is treated with the fusion protein.



Application Data

Gel: 8%SDS-PAGE
Lane1: K562 cell lysate
Lane2: Jurkat cell lysate
Lane3: Hela cell lysate
Lane4: 293T cell lysate
Lysates: 40 ug per lane
Primary antibody: 1/550 dilution
Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution
Exposure time: 1 minute

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 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.
Product Categories/Family for anti-MCM3 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	12804438
NCBI GeneID	4172
Molecular Weight	95,908 Da
NCBI Official Full Name	Homo sapiens minichromosome maintenance complex component 3, mRNA
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://stage.aaabiotech.com/polyclonal/mcm3-antibody-immunohistochemistry-western-blot-elisa/305750>