

Rabbit MCM3 Polyclonal Antibody | anti-MCM3 antibody

MCM3 Polyclonal Antibody

CATALOG # AAA167323	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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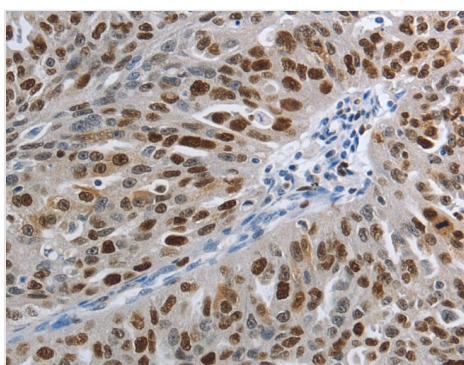
PRODUCT SYNONYMS

MCM3; Polyclonal Antibody; MCM3 Polyclonal Antibody; HCC5; P1.h; RLFB; P1-MCM3; anti-MCM3 antibody

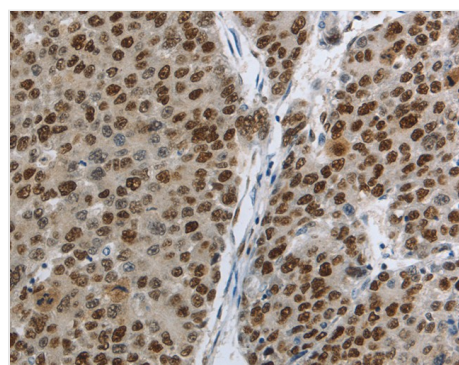
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	0.8mg/mL (varies by lot)
Sequence Length	807
Applicable Applications for anti-MCM3 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant protein of human MCM3
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

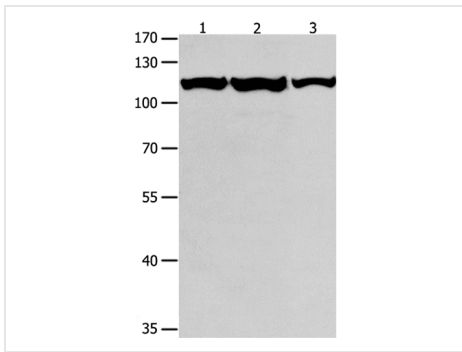
IMAGES


IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded Human ovarian cancer using MCM3 Polyclonal Antibody at dilution of 1:30


IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer using MCM3 Polyclonal Antibody at dilution of 1:30



WB (Western Blot)

Western Blot analysis of K562, Jurkat and hela cell using MCM3 Polyclonal Antibody at dilution of 1:550

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	147903759
NCBI GeneID	397821
NCBI Accession #	NP_001081412.1
NCBI GenBank Nucleotide #	NM_001087943.1
Molecular Weight	90,405 Da
NCBI Official Full Name	maternal DNA replication licensing factor mcm3
NCBI Official Synonym Full Names	minichromosome maintenance complex component 3<
NCBI Official Symbol	mcm3
NCBI Official Synonym Symbols	xmcm3
NCBI Protein Information	maternal DNA replication licensing factor mcm3; P1 homolog; XRLF subunit beta; mMCM3; maternal Mcm3 protein; maternal minichromosome maintenance protein 3; p100
UniProt Protein Name	Maternal DNA replication licensing factor mcm3
UniProt Gene Name	mmcm3
UniProt Synonym Gene Names	mMCM3; xMCM3
UniProt Entry Name	MCM3M_XENLA

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-immunohistochemistry-western-blot-elisa/167323>