

Rabbit anti-Human MCM7 Polyclonal Antibody | anti-MCM7 antibody

Anti-MCM7 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45088	Rabbit	Human	Immunocytochemistry, Immunohistochemistry, Western Blot

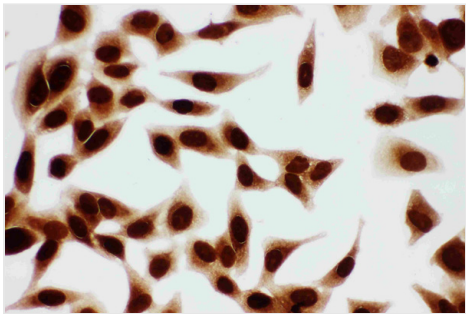
PRODUCT SYNONYMS

MCM7; Polyclonal Antibody; Anti-MCM7 antibody; DNA replication licensing factor MCM7; minichromosome maintenance complex component 7; CDABP0042 antibody; CDC 47 antibody; CDC47 antibody; CDC47 homolog antibody; Cdc47; S. cerevisiae; homolog of antibody; DNA replication licensing factor MCM7 antibody; Homolog of S. cerevisiae Cdc47 antibody; MCM 2 antibody; MCM 7 antibody; MCM2 antibody; MCM2; formerly antibody; Mcm7 antibody; MCM7 minichromosome maintenance deficient 7 antibody; MCM7_HUMAN antibody; Minichromosome Maintenance 7 antibody; Minichromosome maintenance; Minichromosome maintenance complex component 7 antibody; Minichromosome maintenance deficient 7 antibody; Minichromosome maintenance protein 7 antibody; P1.1 MCM3 antibody; P1.1-MCM3 antibody; P1CDC47 antibody; P85MCM antibody; PNAS 146 antibody; PNAS146 antibody; anti-MCM7 antibody

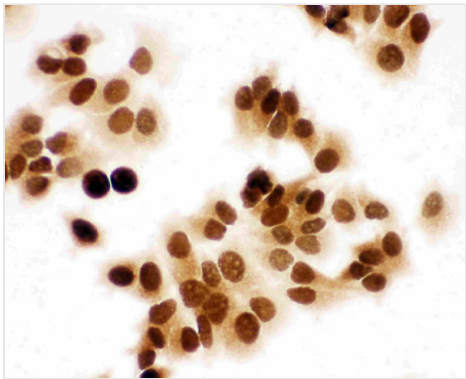
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	719
Applicable Applications for anti-MCM7 antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human MCM7 (699-719aa DEYEELNVWQVNASRTRITFV).
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

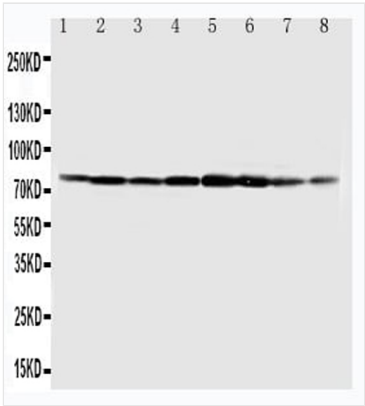
IMAGES



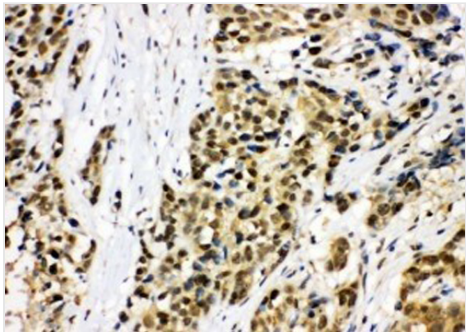
ICC (Immunocytochemistry)
Anti-MCM7 antibody, AAA45088, ICCICC: HELA Cell



ICC (Immunocytochemistry)
Anti-MCM7 antibody, AAA45088, ICCICC: MCF-7 Cell



WB (Western Blot)
Anti-MCM7 antibody, AAA45088, Western blotting
Lane 1: COLO320 Cell Lysate
Lane 2: SW620 Cell Lysate
Lane 3: HELA Cell Lysate
Lane 4: 22RVL Cell Lysate
Lane 5: 293T Cell Lysate
Lane 6: U937 Cell Lysate
Lane 7: JURKAT Cell Lysate
Lane 8: RAJI Cell Lysate



IHC (Immunohistochemistry)
Anti-MCM7 antibody, AAA45088, IHC(P)IHC(P): Human Lung Cancer Tissue

ADDITIONAL INFORMATION

Related Product Information for anti-MCM7 antibody	Description: Rabbit IgG polyclonal antibody for DNA replication licensing factor MCM7(MCM7) detection. Tested with WB, IHC-P, ICC in Human. Background: MCM7(Minichromosome Maintenance, s. Cerevisiae, homolog of, 7), also called CDC47, FORMERLY, is one of the highly conserved mini-chromosome maintenance proteins(MCM) that are essential for the initiation of eukaryotic genome replication. The MCM7 gene is mapped on 7q22.1. MCM7 plays a pivotal role in the G1/S phase transition, orchestrating the correct assembly of replication forks on chromosomal DNA and ensuring that all the genome is replicated once and not more than once at each cell cycle. The MCM7 gene contains 15 exons. The miRNAs MIR106B, MIR93, and MIR25 are clustered in a 5-prime to 3-prime orientation within intron 13. Petrocca et al.(2008) found that MCM7 and the precursors of microRNAs(miRNAs) MIR106B, MIR93, and MIR25, all of which arise from intron 13 of the MCM7 gene, were overexpressed with almost perfect correlation in 5 of 10 human gastric tumors.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	20981696
NCBI GeneID	4176
UniProt Accession #	P33993; Q15076; Q96D34; Q96GL1; A4D2A1; A4D2A2; E9PGN9
Molecular Weight	60,643 Da
NCBI Official Full Name	DNA replication licensing factor MCM7
NCBI Official Synonym Full Names	minichromosome maintenance complex component 7

NCBI Official Symbol	MCM7
NCBI Official Synonym Symbols	MCM2; CDC47; P85MCM; P1CDC47; PNAS146; PPP1R104; P1.1-MCM3
NCBI Protein Information	DNA replication licensing factor MCM7; CDC47 homolog; homolog of <i>S. cerevisiae</i> Cdc47; minichromosome maintenance deficient 7; protein phosphatase 1, regulatory subunit 104
UniProt Protein Name	DNA replication licensing factor MCM7
UniProt Gene Name	MCM7
UniProt Synonym Gene Names	CDC47; MCM2
UniProt Entry Name	MCM7_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/mcm7-antibody-immunocytochemistry-immunohistochemistry-western-blot-elisa/45088>