

Rabbit MCM7 Polyclonal Antibody | anti-MCM7 antibody

MCM7 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198110	Rabbit	Cow, Guinea Pig, Horse, Human, Rabbit, Rat	Western Blot, Immunohistochemistry

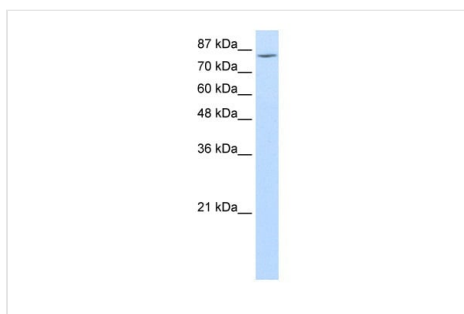
PRODUCT SYNONYMS

MCM7; Polyclonal Antibody; MCM7 antibody - middle region; anti-MCM7 antibody

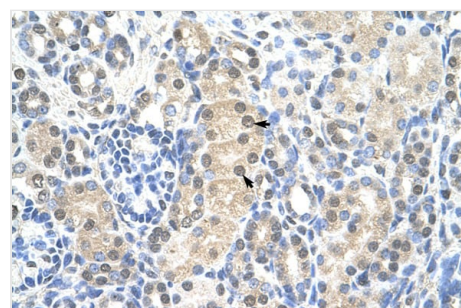
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Guinea Pig, Horse, Human, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: HR IVKMNKSEDD ESGAGELTRE ELRQIAEEDF YEKLAASIAP EIYGHEDV
Sequence Length	719
Applicable Applications for anti-MCM7 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 92%; Guinea Pig: 85%; Horse: 92%; Human: 100%; Rabbit: 92%; Rat: 92%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human MCM7
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-MCM7 Antibody Titration: 1.25ug/ml
Positive Control: Daudi cell lysate
MCM7 is strongly supported by BioGPS gene expression data to be expressed in Human Daudi cells


IHC (Immunohistochemistry)

Human kidney

ADDITIONAL INFORMATION

Related Product Information for anti-MCM7 antibody	This is a rabbit polyclonal antibody against MCM7. It was validated on Western Blot and immunohistochemistry Target Description: MCM7 encodes a protein that is one of the highly conserved mini-chromosome maintenance proteins (MCM) that are essential for the initiation of eukaryotic genome replication. The hexameric protein complex formed by the 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. The MCM complex consisting of this protein and MCM2, 4 and 6 proteins possesses DNA helicase activity, and may act as a DNA unwinding enzyme.The protein encoded by this gene is one of the highly conserved mini-chromosome maintenance proteins (MCM) that are essential for the initiation of eukaryotic genome replication. The hexameric protein complex formed by the 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. The MCM complex consisting of this protein and MCM2, 4 and 6 proteins possesses DNA helicase activity, and may act as a DNA unwinding enzyme. Cyclin D1-dependent kinase, CDK4, is found to associate with this protein, and may regulate the binding of this protein with the tumorsuppressor protein RB1/RB. Alternatively spliced transcript variants encoding distinct isoforms have been reported.
Product Categories/Family for anti-MCM7 antibody	Polyclonal; Cell Cycle Proteins; DNA/RNA/Protein Interactions; Meiosis/Mitosis/Cell Cycle; Immunohistochemistry ; Phosphorylation

NCBI AND UNIPROT INFORMATION

NCBI GI #	518830597
NCBI GeneID	4176
NCBI Accession #	NP_005907
NCBI GenBank Nucleotide #	NM_005916
UniProt Accession #	P33993
Molecular Weight	81kDa
NCBI Official Full Name	DNA replication licensing factor MCM7 isoform 2
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
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://www.aaabiotech.com/polyclonal/mcm7-antibody-western-blot-immunohistochemistry-elisa/198110>