

Rabbit MCM6 Polyclonal Antibody | anti-MCM6 antibody

Anti-MCM6 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45033	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunohistochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

MCM6; Polyclonal Antibody; Anti-MCM6 antibody; DNA replication licensing factor MCM6; minichromosome maintenance complex component 6; DNA replication licensing factor MCM6 antibody; MCG40308 antibody; Mcm6 antibody; MCM6 minichromosome maintenance deficient 6(MIS5 homolog; S. pombe) antibody; MCM6 minichromosome maintenance deficient 6 antibody; MCM6_HUMAN antibody; Minichromosome maintenance complex component 6 antibody; Minichromosome maintenance deficient(mis5 S. pombe) 6 antibody; Minichromosome maintenance deficient 6 homolog antibody; Minichromosome maintenance protein 6 antibody; Mis5 antibody; MIS5 homolog antibody; p105MCM antibody; anti-MCM6 antibody

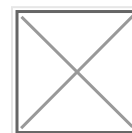
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	821
Applicable Applications for anti-MCM6 antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human MCM6 (589-605aa ESEDFIVEQYKHLRQRD), different from the related rat and mouse sequences by one amino acid.
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.

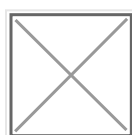
IMAGES



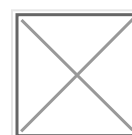
IHC (Immunohistochemistry)
Anti-MCM6 antibody, AAA45033, IHC(F)IHC(F): Human Placenta Tissue



ICC (Immunocytochemistry)
Anti-MCM6 antibody, AAA45033, ICCICC: HELA Cell



IHC (Immunohistochemistry)
Anti-MCM6 antibody, AAA45033, IHC(P)IHC(P): Rat Brain Tissue



IHC (Immunohistochemistry)
Anti-MCM6 antibody, AAA45033, IHC(P)IHC(P): Human Intestinal Cancer Tissue



WB (Western Blot)

Anti-MCM6 antibody, AAA45033, Western blottingLane 1: U87 Cell LysateLane 2: COLO320 Cell LysateLane 3: HELA Cell LysateLane 4: MCF-7 Cell LysateLane 5: JURKAT Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-MCM6 antibody	Description: Rabbit IgG polyclonal antibody for DNA replication licensing factor MCM6(MCM6) detection. Tested with WB, IHC-P, IHC-F, ICC in Human, Mouse, Rat. Background: MCM6(Minichromosome maintenance, s. pombe, homolog of, 6) is a protein that in humans is encoded by the MCM6 gene. MCM6 is one of the highly conserved mini-chromosome maintenance proteins(MCM) that are essential for the initiation of eukaryotic genome replication. The MCM genes were originally identified in yeast defective in minichromosome maintenance and have since been shown to play roles in the progression of the cell cycle; many are cell division control genes. The MCM6 gene is mapped on 2q21.3. Mcm 6 has recently been shown to interact strongly Cdt1 at defined residues, by mutating these target residues Wei et al. observed lack of Cdt1 recruitment of Mcm2-7 to the pre-RC. An approximately 200-kb region surrounding the C/T(-13910) polymorphism in MCM6 intron 13 functioned as an enhancer of the lactase gene promoter in intestinal cell culture.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2497824
NCBI GeneID	4175
UniProt Accession #	Q14566; Q13504; Q99859; B2R6H2
Molecular Weight	92,889 Da
NCBI Official Full Name	DNA replication licensing factor MCM6
NCBI Official Synonym Full Names	minichromosome maintenance complex component 6
NCBI Official Symbol	MCM6
NCBI Official Synonym Symbols	Mis5; P105MCM; MCG40308
NCBI Protein Information	DNA replication licensing factor MCM6; minichromosome maintenance deficient (mis5, S. pombe) 6; MCM6 minichromosome maintenance deficient 6 (MIS5 homolog, S. pombe)
UniProt Protein Name	DNA replication licensing factor MCM6
UniProt Gene Name	MCM6
UniProt Entry Name	MCM6_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/mcm6-antibody-immunocytochemistry-immunohistochemistry-immunohistochemistry-western-blot-elisa/45033>