

Rabbit MCM5 Polyclonal Antibody | anti-MCM5 antibody

Anti-MCM5 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45133	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

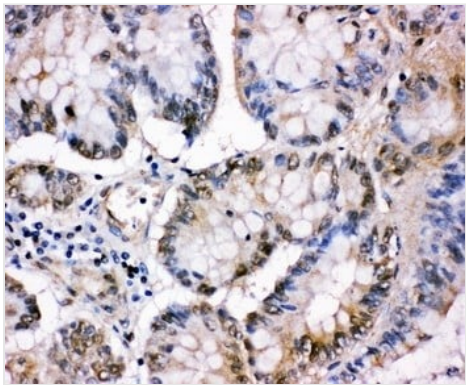
PRODUCT SYNONYMS

MCM5; Polyclonal Antibody; Anti-MCM5 antibody; DNA replication licensing factor MCM5; minichromosome maintenance complex component 5; CDC 46 antibody; CDC46 antibody; CDC46 homolog antibody; Cell division cycle 46 antibody; DNA replication licensing factor antibody; DNA replication licensing factor MCM 5 antibody; DNA replication licensing factor MCM5 antibody; MCM 5 antibody; MCM5 antibody; MCM5_HUMAN antibody; MGC5315 antibody; Minichromosome maintenance complex component 5 antibody; Minichromosome maintenance deficient(S. cerevisiae) 5 antibody; Minichromosome maintenance deficient 5 antibody; Minichromosome maintenance deficient protein 5 antibody; P1 CDC46 antibody; P1-CDC46 antibody; anti-MCM5 antibody

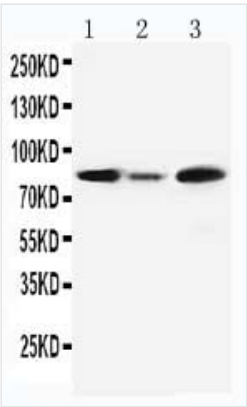
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	734
Applicable Applications for anti-MCM5 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human MCM5 (720-734aa EIQRMRQRKVLRLK), identical to the related rat and mouse sequences.
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-MCM5 antibody, AAA45133, IHC(P)IHC(P): Human Intestinal Cancer Tissue



WB (Western Blot)
Anti-MCM5 antibody, AAA45133, Western blottingLane 1: Rat Testis Tissue LysateLane 2: Rat Brain Tissue Lysate Lane3: JURKAT Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-MCM5 antibody	Description: Rabbit IgG polyclonal antibody for DNA replication licensing factor MCM5(MCM5) detection. Tested with WB, IHC-P in Human, Mouse, Rat. Background: MCM5(MINICHROMOSOME MAINTENANCE, S. CEREVISIAE, HOMOLOG OF, 5),also known as CDC46, is a protein that in humans is encoded by the MCM5 gene. MCM5 is structurally very similar to the CDC46 protein from S. cerevisiae, a protein involved in the initiation of DNA replication. And MCM5 is a member of the MCM family of chromatin-binding proteins and can interact with at least two other members of this family. The MCM5 gene is mapped on 22q12.3. The MCM5 gene contains 16 exons. The encoded protein is upregulated in the transition from the G0 to G1/S phase of the cell cycle and may actively participate in cell cycle regulation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	19858646
NCBI GeneID	4174
UniProt Accession #	P33992; O60785; Q14578; Q9BTJ4; Q9BWL8
Molecular Weight	82,286 Da
NCBI Official Full Name	DNA replication licensing factor MCM5
NCBI Official Synonym Full Names	minichromosome maintenance complex component 5
NCBI Official Symbol	MCM5
NCBI Official Synonym Symbols	CDC46; P1-CDC46
NCBI Protein Information	DNA replication licensing factor MCM5; CDC46 homolog; minichromosome maintenance deficient 5 (cell division cycle 46); MCM5 minichromosome maintenance deficient 5, cell division cycle 46
UniProt Protein Name	DNA replication licensing factor MCM5
UniProt Gene Name	MCM5
UniProt Synonym Gene Names	CDC46
UniProt Entry Name	MCM5_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.