

Rabbit MCM5 Polyclonal Antibody | anti-MCM5 antibody

MCM5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA302643	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

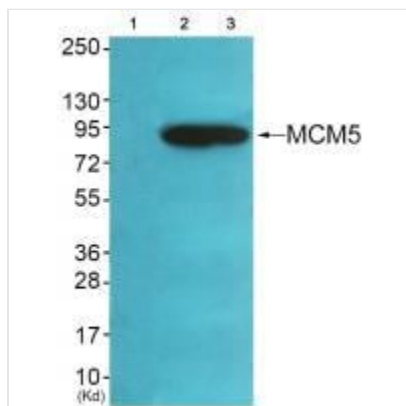
PRODUCT SYNONYMS

MCM5; Polyclonal Antibody; MCM5 Antibody; CDC46; DNA replication licensing factor MCM5; minichromosome maintenance deficient protein 5; anti-MCM5 antibody

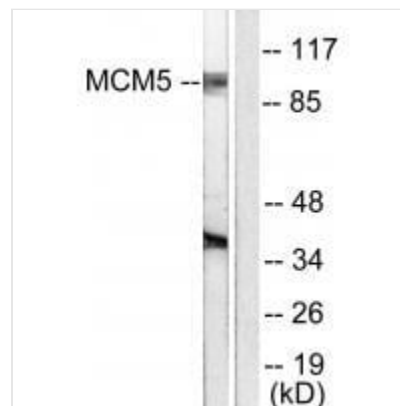
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total MCM5 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	734
Applicable Applications for anti-MCM5 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human MCM5 antibody.
Target Name	MCM5
Preparation and Storage	Store at -20 degree C

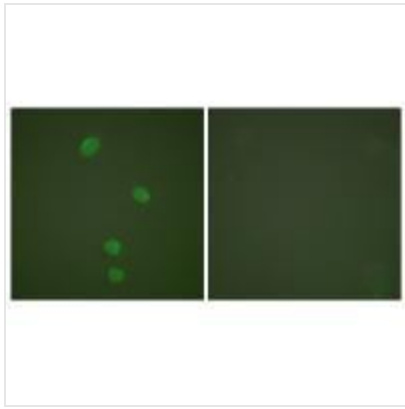
IMAGES


WB (Western Blot)

Western blot analysis of extracts from HeLa cells (Lane 2), A549 cells (Lane 3) and cells (Lane 4), using MCM5 antibody. The lane on the left is treated with synthesized peptide.

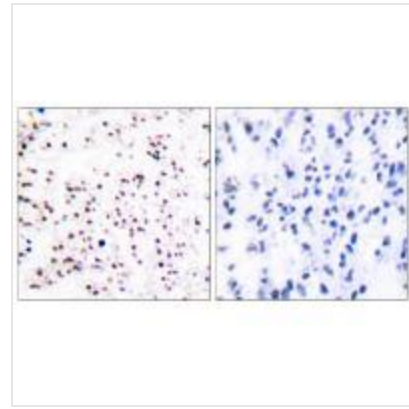

WB (Western Blot)

Western blot analysis of extracts from HepG2 cells, using MCM5 antibody.



IF (Immunofluorescence)

Immunofluorescence analysis of HepG2 cells, using MCM5 antibody.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human tonsil tissue using MCM5 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MCM5 antibody	Acts as component of the MCM2-7 complex (MCM complex) which is the putative replicative helicase essential for 'once per cell cycle' DNA replication initiation and elongation in eukaryotic cells. The active ATPase sites in the MCM2-7 ring are formed through the interaction surfaces of two neighboring subunits such that a critical structure of a conserved arginine finger motif is provided in trans relative to the ATP-binding site of the Walker A box of the adjacent subunit. The six ATPase active sites, however, are likely to contribute differentially to the complex helicase activity By similarity. Interacts with MCMBP.Robert A. Scalfani, Genetics, May 2002; 161: 47. Marylynn Snyder, PNAS, Oct 2005; 102: 14539 - 14544. Christopher J. DaFonseca, PNAS, Mar 2001; 98: 3034. Cathleen M. Lake, Genetics, Jun 2007; 10.1534
Product Categories/Family for anti-MCM5 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	23510448
NCBI GeneID	4174
NCBI Accession #	NP_006730.2
NCBI GenBank Nucleotide #	NM_006739.3
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
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/mcm5-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/302643>