

Rabbit MCM10 Polyclonal Antibody | anti-MCM10 antibody

MCM10 Polyclonal Antibody

CATALOG # AAA280201	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

MCM10; Polyclonal Antibody; MCM10 Polyclonal Antibody; CNA43; DNA43; PRO2249; anti-MCM10 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	875
Applicable Applications for anti-MCM10 antibody	WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human MCM10
Calculated Molecular Weight	97kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of A549 cells using MCM10 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of mouse heart, using MCM10 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-MCM10 antibody	The protein encoded by this gene is one of the highly conserved mini-chromosome maintenance proteins (MCM) that are involved in the initiation of eukaryotic genome replication. The hexameric protein complex formed by MCM proteins is a key component of the pre-replication complex (pre-RC) and it may be involved in the formation of replication forks and in the recruitment of other DNA replication related proteins. This protein can interact with MCM2 and MCM6, as well as with the origin recognition protein ORC2. It is regulated by proteolysis and phosphorylation in a cell cycle-dependent manner. Studies of a similar protein in Xenopus suggest that the chromatin binding of this protein at the onset of DNA replication is after pre-RC assembly and before origin unwinding. Alternatively spliced transcript variants encoding distinct isoforms have been identified.
Product Categories/Family for anti-MCM10 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	126215746
NCBI GeneID	55388
UniProt Accession #	Q7L590; Q3MIR3; Q7LD55; Q96GX4; Q96NB6; Q9H0D7; Q9H3P9; Q9P177; A8K9I6; B7ZKZ8; AAB34309; AAB34784
Molecular Weight	875
NCBI Official Full Name	Protein MCM10 homolog
NCBI Official Synonym Full Names	minichromosome maintenance complex component 10
NCBI Official Symbol	MCM10
NCBI Official Synonym Symbols	CNA43; DNA43; PRO2249
NCBI Protein Information	protein MCM10 homolog; hMCM10; homolog of yeast MCM10; MCM10 minichromosome maintenance deficient 10
UniProt Protein Name	Protein MCM10 homolog
UniProt Gene Name	MCM10
UniProt Synonym Gene Names	HsMCM10
UniProt Entry Name	MCM10_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.