

Rabbit MCM6 Polyclonal Antibody | anti-MCM6 antibody

MCM6 Antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198109	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot

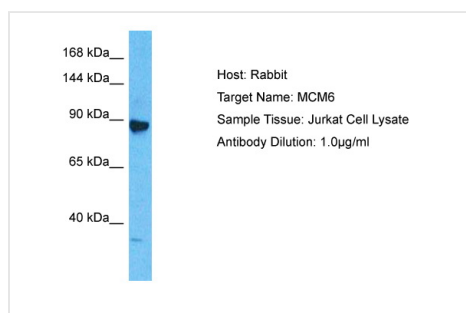
PRODUCT SYNONYMS

MCM6; Polyclonal Antibody; MCM6 Antibody - middle region; anti-MCM6 antibody

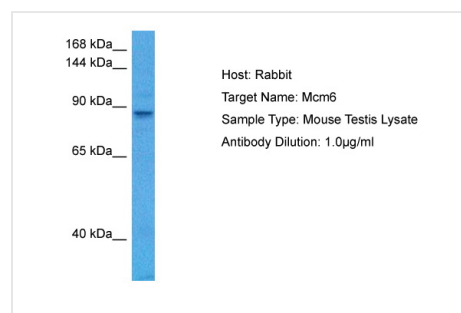
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity 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: CV APTNPRFGGK ELRDEEQTAE SIKNQMTVKE WEKVFEMSQD KNLYHNLC
Sequence Length	821
Applicable Applications for anti-MCM6 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of Human MCM6
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)

Host: Rabbit Target Name: MCM6 Sample Type: Jurkat Whole Cell Lysates Antibody Dilution: 1.0 µg/ml


WB (Western Blot)

Host: Mouse Target Name: MCM6 Sample Tissue: Mouse Testis Antibody Dilution: 1 µg/ml

ADDITIONAL INFORMATION

Related Product Information for anti-MCM6 antibody	This is a rabbit polyclonal antibody against MCM6. It was validated on Western Blot Target Description: 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 7 proteins possesses DNA helicase activity, and may act as a DNA unwinding enzyme. The phosphorylation of the complex by CDC2 kinase reduces the helicase activity, suggesting a role in the regulation of DNA replication. Single nucleotide polymorphisms in the intron regions of this gene are associated with differential transcriptional activation of the promoter of the neighboring lactase gene and, thereby, influence lactose intolerance in early adulthood.
Product Categories/Family for anti-MCM6 antibody	Polyclonal; Cell Cycle Proteins; Cell Biology; Chromatin & Nuclear Signaling; Signal Transduction; E3 & Ubiquitin ; DNA/RNA/Protein Interactions

NCBI AND UNIPROT INFORMATION

NCBI GI #	2497824
NCBI GeneID	4175
UniProt Accession #	Q14566
Molecular Weight	90kDa
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
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.