

MCM7 Rabbit mAb

Catalog # AP75699

Specification

MCM7 Rabbit mAb - Product Information

Application
Primary Accession
Reactivity
Host
Clonality
Calculated MW

WB, IHC-P, IP
P33993
Human, Mouse, Rat
Rabbit
Monoclonal Antibody
81308

MCM7 Rabbit mAb - Additional Information

Gene ID 4176

Other Names MCM7

DilutionWB~~1/500-1/1000
IHC-P~~N/A
IP~~1/20

Format Liquid

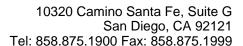
MCM7 Rabbit mAb - Protein Information

Name MCM7 (HGNC:6950)

Synonyms CDC47, MCM2

Function

Acts as a component of the MCM2-7 complex (MCM complex) which is the replicative helicase essential for 'once per cell cycle' DNA replication initiation and elongation in eukaryotic cells. Core component of CDC45-MCM-GINS (CMG) helicase, the molecular machine that unwinds template DNA during replication, and around which the replisome is built (PubMed:25661590, PubMed:32453425, PubMed:34694004, PubMed:34700328, PubMed:35585232, PubMed:9305914, PubMed:<a href="http://www.uniprot.o





href="http://www.uniprot.org/citations/32453425" target="_blank">32453425). Required for S-phase checkpoint activation upon UV-induced damage.

Cellular Location

Nucleus. Chromosome. Note=Associated with chromatin before the formation of nuclei and detaches from it as DNA replication progresses.

MCM7 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

MCM7 Rabbit mAb - Images

