

Datasheet for ABIN7150341
anti-MCM7 antibody (AA 360-719)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	MCM7
Binding Specificity:	AA 360-719
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MCM7 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Recombinant Human DNA replication licensing factor MCM7 protein (360-719AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	MCM7
Alternative Name:	MCM7 (MCM7 Products)
Background:	Background: 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

Target Details

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. Required for S-phase checkpoint activation upon UV-induced damage.

Aliases: CDABP0042 antibody, CDC 47 antibody, CDC47 antibody, CDC47 homolog antibody, Cdc47, *S. cerevisiae*, homolog of antibody, DNA replication licensing factor MCM7 antibody, Homolog of *S. cerevisiae* Cdc47 antibody, MCM 2 antibody, MCM 7 antibody, MCM2 antibody, MCM2, formerly antibody, Mcm7 antibody, MCM7 minichromosome maintenance deficient 7 antibody, MCM7_HUMAN antibody, Minichromosome Maintenance 7 antibody, Minichromosome maintenance, *S. cerevisiae*, homolog of antibody, Minichromosome maintenance complex component 7 antibody, Minichromosome maintenance deficient 7 antibody, Minichromosome maintenance protein 7 antibody, P1.1 MCM3 antibody, P1.1-MCM3 antibody, P1CDC47 antibody, P85MCM antibody, PNAS 146 antibody, PNAS146 antibody, PPP1R104 antibody, Protein phosphatase 1, regulatory subunit 104 antibody

UniProt: [P33993](#)

Pathways: [DNA Damage Repair](#), [Mitotic G1-G1/S Phases](#), [DNA Replication](#), [Chromatin Binding](#), [Synthesis of DNA](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

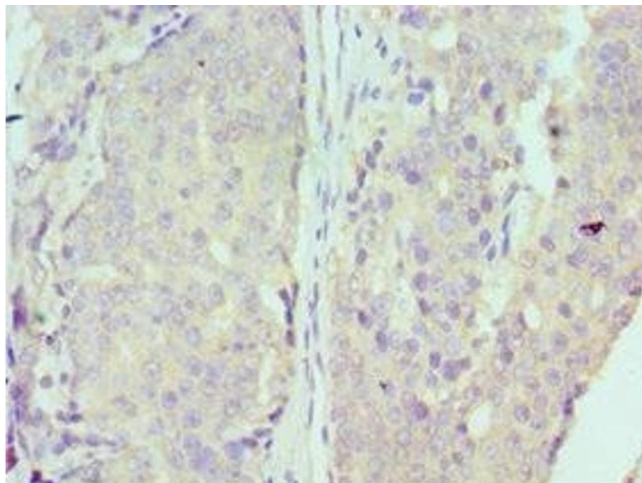
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

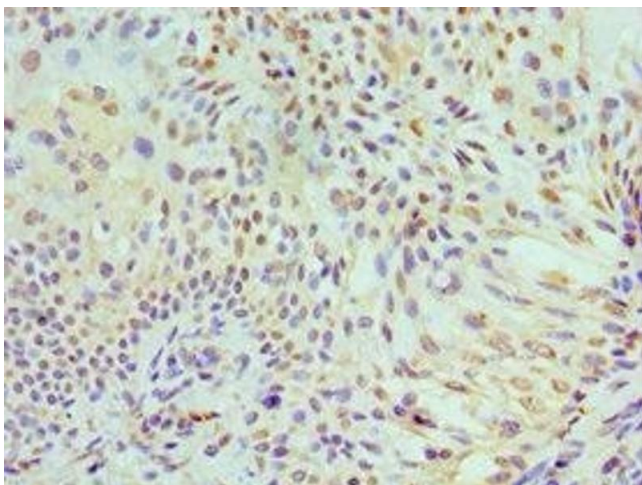
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human colon cancer using ABIN7150341 at dilution of 1:100



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human breast cancer using ABIN7150341 at dilution of 1:100