

Datasheet for ABIN7256464

anti-MCM8 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	200 µL
Target:	MCM8
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MCM8 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein of human MCM8 (NP_115874.3).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	MCM8
Alternative Name:	MCM8 (MCM8 Products)
Background:	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 mini-chromosome maintenance proteins is a key component of the pre-replication complex and may be involved in the

Target Details

formation of replication forks and in the recruitment of other DNA replication related proteins. This protein contains the central domain that is conserved among the mini-chromosome maintenance proteins. The encoded protein may interact with other mini-chromosome maintenance proteins and play a role in DNA replication. This gene may be associated with length of reproductive lifespan and menopause. Alternatively spliced transcript variants encoding distinct isoforms have been described.

Molecular Weight:	Observed_MW: 110 kDa Calculated_MW: 88 kDa/91 kDa/93 kDa/97 kDa
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Gene ID:	84515
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UniProt:	Q9UJA3
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Pathways:	Mitotic G1-G1/S Phases , DNA Replication , Synthesis of DNA
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Application Details

Application Notes:	WB 1:500-1:2000
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	1 mg/mL
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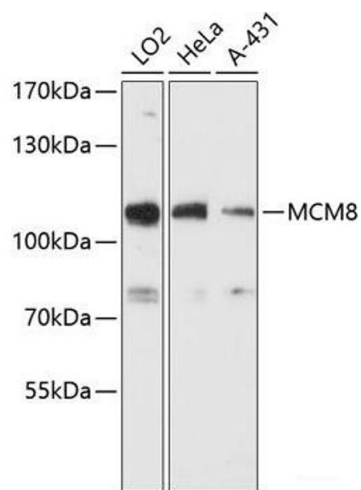
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	-20 °C
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Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.
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Western Blotting

Image 1. Western blot analysis of extracts of various cell lines using MCM8 Polyclonal Antibody at dilution of 1:3000.