

Datasheet for ABIN7116318 **anti-MCM8 antibody**



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	MCM8
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MCM8 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	minichromosome maintenance complex component 8
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	MCM8
Alternative Name:	MCM8 (MCM8 Products)
Background:	Synonyms:C20orf154 Background:Component of the MCM8-MCM9 complex, a complex involved in homologous recombination repair following DNA interstrand cross-links and plays a key role during gametogenesis. The MCM8-MCM9 complex probably acts as a hexameric helicase downstream of the Fanconi anemia proteins BRCA2 and RAD51 and is required to

Target Details

process aberrant forks into homologous recombination substrates and to orchestrate homologous recombination with resection, fork stabilization and fork restart. May also play a non-essential for DNA replication: may be involved in the activation of the prereplicative complex(pre-RC) during G(1) phase by recruiting CDC6 to the origin recognition complex(ORC). Binds chromatin throughout the cell cycle.

Molecular Weight: 95 kDa

Gene ID: 84515

UniProt: [Q9UJA3](#)

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

Application Details

Application Notes: WB: 1:500-1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 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

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months