

## Product Information

**Size:**

50ug

**Reactivity:**

Human, Mouse

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB, IHC

**Recommended dilutions:**

ELISA:1:2000-1:10000, WB:1:500-1:2000,  
IHC:1:20-1:200

**Protein 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 process aberrant forks into homologous recombination substrates and to orchestrate homologous recombination with resection, fork stabilization and fork restart.

**Gene ID:**

MCM9

**Uniprot**

Q9NXL9

**Synonyms:**

DNA helicase MCM9 (hMCM9) (EC 3.6.4.12) (Mini-chromosome maintenance deficient domain-containing protein 1) (Minichromosome maintenance 9), MCM9, C6orf61, MCMDC1

**Immunogen:**

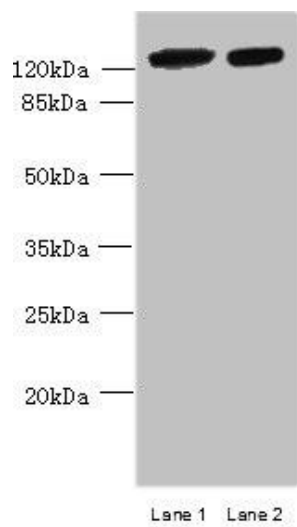
Recombinant Human DNA helicase MCM9 protein (1-391AA).

**Storage:**

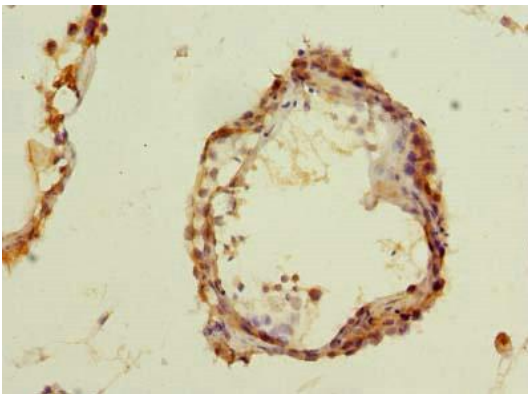
Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, PH 7.4

## Product Images

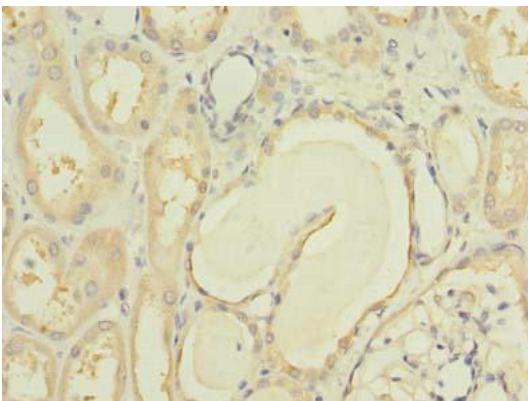
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Western blot. All lanes: MCM9 antibody at 0.8 $\mu$ g/ml. Lane 1: Mouse brain tissue. Lane 2: 293T whole cell lysate. Secondary: Goat polyclonal to rabbit IgG at 1/10000 dilution. Predicted band size: 128, 73, 44, 85 kDa. Observed band size: 128 kDa.



Immunohistochemistry of paraffin-embedded human testis tissue using PACO41734 at dilution of 1:100.



Immunohistochemistry of paraffin-embedded human kidney tissue using PACO41734 at dilution of 1:100.