

Datasheet for ABIN7150185
anti-MCM9 antibody (AA 1-391)



[Go to Product page](#)

4 Images

Overview

| | |
|----------------------|--|
| Quantity: | 100 µg |
| Target: | MCM9 |
| Binding Specificity: | AA 1-391 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This MCM9 antibody is un-conjugated |
| Application: | ELISA, Western Blotting (WB), Immunohistochemistry (IHC) |

Product Details

| | |
|-------------------|---|
| Immunogen: | Recombinant Human DNA helicase MCM9 protein (1-391AA) |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse |
| Purification: | >95%, Protein G purified |

Target Details

| | |
|-------------------|---|
| Target: | MCM9 |
| Alternative Name: | MCM9 (MCM9 Products) |
| Background: | 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 |

Target Details

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.

Aliases: MCM9 antibody, C6orf61 antibody, MCMDC1DNA helicase MCM9 antibody, hMCM9 antibody, EC 3.6.4.12 antibody, Mini-chromosome maintenance deficient domain-containing protein 1 antibody, Minichromosome maintenance 9 antibody

UniProt: [Q9NXL9](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:2000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

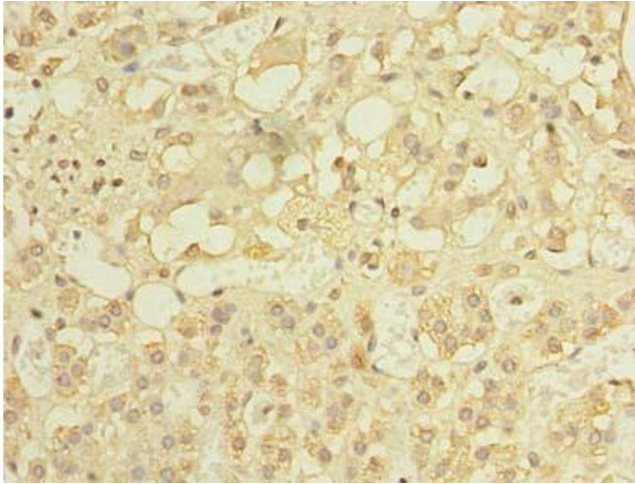
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

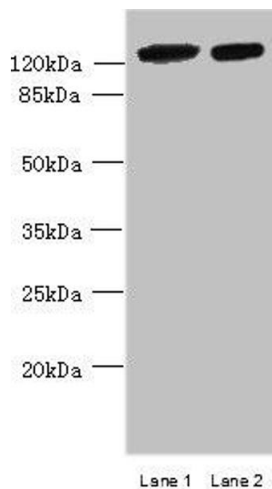
Storage: -20 °C,-80 °C

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



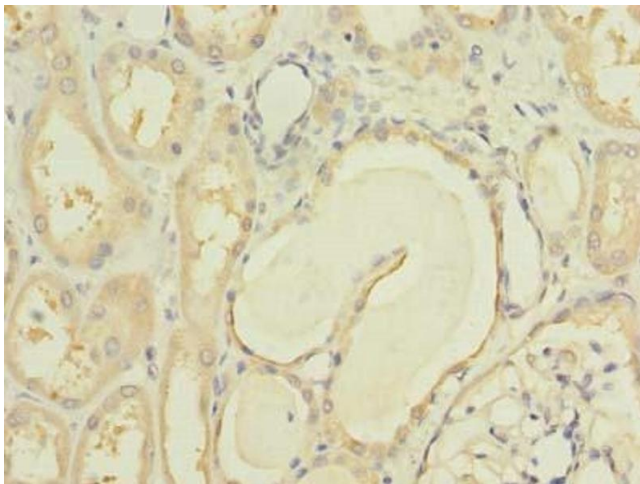
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human adrenal gland tissue using ABIN7150185 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: MCM9 antibody at 0.8 μ 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

Image 3. Immunohistochemistry of paraffin-embedded human kidney tissue using ABIN7150185 at dilution of 1:100

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7150185.