

For Research Use Only

# MCM8 Polyclonal antibody

Catalog Number: 16451-1-AP

9 Publications



## Basic Information

Catalog Number:

16451-1-AP

Size:

550 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG8696

GenBank Accession Number:

BC008830

GeneID (NCBI):

84515

UNIPROT ID:

Q9UJA3

Full Name:

minichromosome maintenance  
complex component 8

Calculated MW:

880 aa, 98 kDa

Observed MW:

90-95 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:5000

IP 0.5-4.0 µg for 1.0-3.0 mg of total  
protein lysate

## Applications

Tested Applications:

WB, IP, ELISA

Cited Applications:

WB, IF, IP, ColP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Positive Controls:

WB : HEK-293T cells, NIH/3T3 cells

IP : NIH/3T3 cells,

## Background Information

MCM8, also named as Minichromosome maintenance 8, is a 840 amino acid protein, which belongs to the MCM family. MCM8 is expressed highly in placenta, lung and pancreas and various tumors with highest levels in colon and lung cancers. MCM8 is a component of the MCM8-MCM9 complex, which involved in homologous recombination repair following DNA interstrand cross-links and plays a key role during gametogenesis. MCM8 exists some isoforms with MV 94 kDa and 70 kDa.

## Notable Publications

| Author        | Pubmed ID | Journal        | Application  |
|---------------|-----------|----------------|--------------|
| Anna Klucnika | 36355348  | J Cell Biol    | WB, IF, ColP |
| Jen-Wei Huang | 32528060  | Nat Commun     | WB           |
| Kang Liu      | 32647118  | Cell Death Dis | WB           |

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

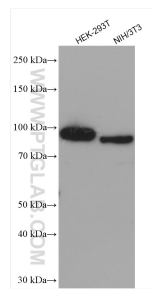
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

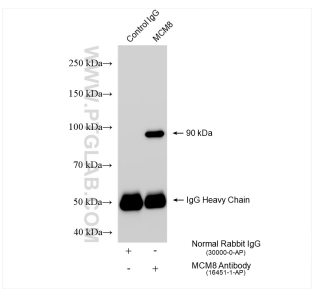
W: [ptgcn.com](http://ptgcn.com)

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 16451-1-AP (MCM8 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



IP result of anti-MCM8 (IP:16451-1-AP, 4ug; Detection:16451-1-AP 1:3000) with NIH/3T3 cells lysate 1505 ug.