

# MOCS3 Rabbit Polyclonal Antibody



CAB7367

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

50kDa

### Calculated MW:

49kDa

### Applications:

WB IHC IF

### Reactivity:

Human, Mouse

## Protein Background

Molybdenum cofactor (MoCo) is necessary for the function of all molybdoenzymes. The protein encoded by this gene adenylates and activates molybdopterin synthase, an enzyme required for biosynthesis of MoCo. This gene contains no introns. A pseudogene of this gene is present on chromosome 14.

## Immunogen information

### Gene ID:

27304

### Uniprot

O95396

### Synonyms:

MOCS3; UBA4

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50  
- 1:200 IF 1:50 - 1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

### Immunogen:

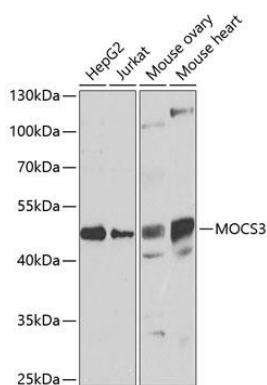
Recombinant fusion protein containing a sequence corresponding to amino acids 271-460 of human MOCS3 (NP\_055299.1).

### Storage:

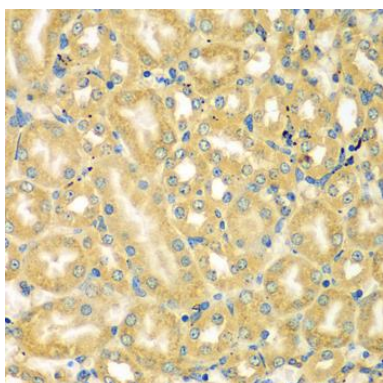
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

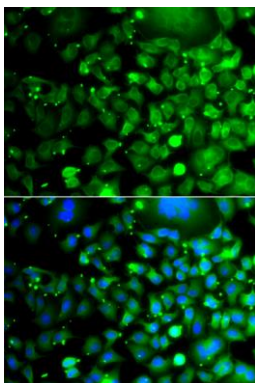
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Western blot analysis of extracts of various cell lines, using MOCS3 antibody (CAB7367) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.



Immunohistochemistry of paraffin-embedded mouse kidney using MOCS3 antibody (CAB7367) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of A549 cells using MOCS3 antibody (CAB7367). Blue: DAPI for nuclear staining.