

# CBX4 Rabbit mAb

Catalog No.: A5109

Recombinant

2 Publications

## Basic Information

### Observed MW

53kDa/60kDa

### Calculated MW

61kDa

### Category

Primary antibody

### Applications

WB,IP,ELISA

### Cross-Reactivity

Human, Mouse, Rat

### CloneNo number

ARC1201

## Background

Enables SUMO binding activity; SUMO ligase activity; and enzyme binding activity. Involved in negative regulation of transcription by RNA polymerase II. Located in nuclear body. Part of PRC1 complex. Implicated in hepatocellular carcinoma. Biomarker of hepatocellular carcinoma.

## Recommended Dilutions

**WB** 1:500 - 1:1000

**IP** 0.5µg-4µg antibody for  
200µg-400µg extracts of  
whole cells

**ELISA** Recommended starting  
concentration is 1 µg/mL.  
Please optimize the  
concentration based on  
your specific assay  
requirements.

## Immunogen Information

### Gene ID

8535

### Swiss Prot

O00257

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 461-560 of human CBX4 (O00257).

### Synonyms

PC2; NBP16; CBX4

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

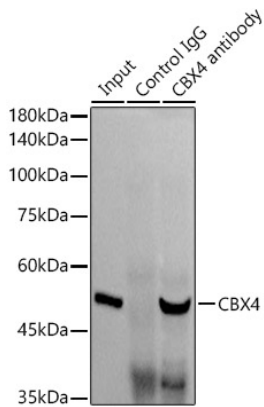
Affinity purification

### Storage

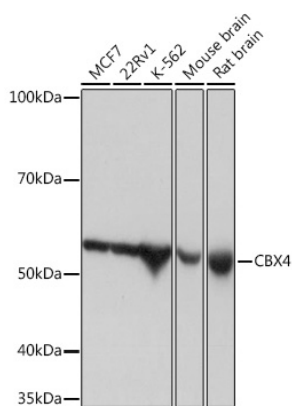
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

## Validation Data



Immunoprecipitation analysis of 300 µg extracts of MCF7 cells using 3 µg CBX4 antibody (A5109). Western blot was performed from the immunoprecipitate using CBX4 antibody (A5109) at a dilution of 1:1000.



Western blot analysis of various lysates using CBX4 Rabbit mAb (A5109) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.