A5532

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CBX4 Rabbit pAb

Catalog No.: A5532 1 Publications

Basic Information

Observed MW
73kDa

Calculated MW
61kDa

Category
Polyclonal Antibody

Applications
WB,IP,ELISA

Cross-Reactivity
Human,Mouse,Rat

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 - 1:2000
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.

Contact

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Immunogen Information

Gene ID
8535

Swiss Prot
O00257

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
PC2; NBP16; CBX4

Product Information

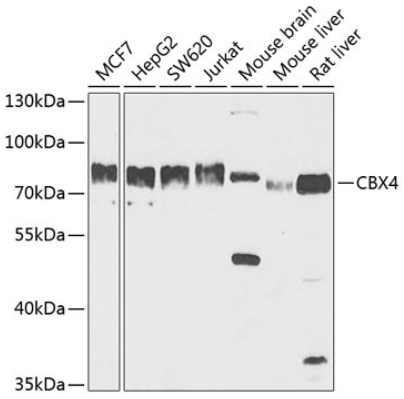
Source
Rabbit

Isotype
IgG

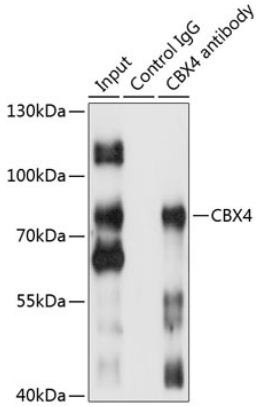
Purification
Affinity purification

Storage
Store at -20℃

Validation Data



Western blot analysis of various lysates using CBX4 Rabbit pAb (A5532) 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: 60s.



Immunoprecipitation analysis of 200 µg extracts of HepG2 cells using 1 µg CBX4 antibody (A5532). Western blot was performed from the immunoprecipitate using CBX4 antibody (A5532) at a dilution of 1:500.