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CMPK1 Rabbit pAb

Catalog No.: A6561

Basic Information

Observed MW
22kDa

Calculated MW
22kDa

Category
Primary antibody

Applications
WB,IF/ICC,IP,ELISA

Cross-Reactivity
Human, Mouse

Background

This gene encodes one of the enzymes required for cellular nucleic acid biosynthesis. This enzyme catalyzes the transfer of a phosphate group from ATP to CMP, UMP, or dCMP, to form the corresponding diphosphate nucleotide. Alternate splicing results in both coding and non-coding transcript variants.

Recommended Dilutions

WB	1:500 - 1:2000
IF/ICC	1:50 - 1:200
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
51727

Swiss Prot
P30085

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

Synonyms
CK; CMK; UMK; CMPK; UMPK; UMP-CMPK; CMPK1

Product Information

Source
Rabbit

Isotype
IgG

Purification
Affinity purification

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

Contact

400-999-6126

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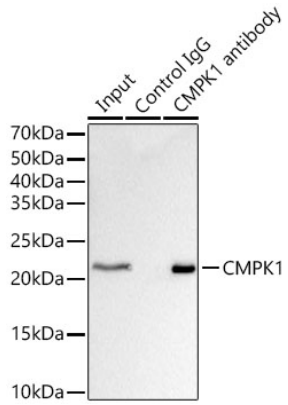
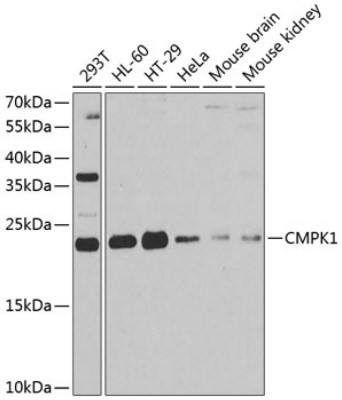
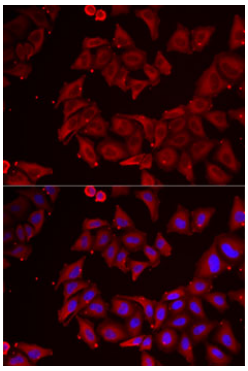
Validation Data



Immunoprecipitation analysis of 300 µg extracts of HT-29 cells using 3 µg CMPK1 antibody (A6561). Western blot was performed from the immunoprecipitate using CMPK1 antibody (A6561) at a dilution of 1:1000.



Western blot analysis of various lysates using CMPK1 Rabbit pAb (A6561) 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: 90s.



Immunofluorescence analysis of MCF7 cells using CMPK1 Rabbit pAb (A6561). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.