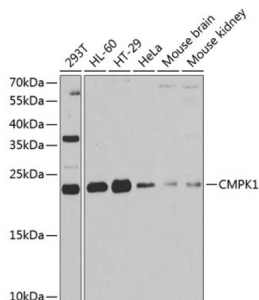
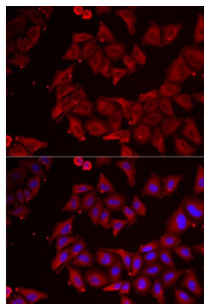


UMP-CMP Kinase (CMPK1) Antibody

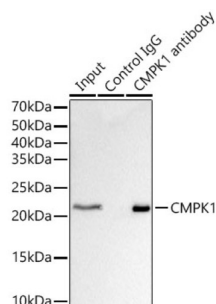
Catalogue No.: abx005035



Western blot analysis of various lysates using CMPK1 Antibody at 1/1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 90s.



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



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

CMPK1 Antibody is a Rabbit Polyclonal antibody against CMPK1. 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.

Target: UMP-CMP Kinase (CMPK1)

Clonality: Polyclonal

Reactivity: Human, Mouse

Tested Applications: ELISA, WB, IF/ICC, IP

Host: Rabbit

Datasheet

Version: 5.0.0
Revision date: 28 Oct 2025



Recommended dilutions: ELISA: 1 µg/ml, WB: 1/500 - 1/2000, IF/ICC: 1/50 - 1/200, IP: 0.5 µg - 4 µg antibody per 200 µg - 400 µg extracts of whole cells. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Recombinant protein corresponding to CMPK1. The exact sequence is proprietary.

Isotype: IgG

Form: Liquid

Purification: Purified by affinity chromatography.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: P30085 ([UniProt](#), [ExPASy](#))

Gene Symbol: CMPK1

GeneID: [51727](#)

NCBI Accession: NP_057392.1

KEGG: hsa:51727

String: [9606.ENSP00000360939](#)

Molecular Weight: Calculated MW: 22 kDa
Observed MW: 22 kDa

Buffer: PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

Concentration: > 0.2 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.