

UMP-CMP Kinase Polyclonal Antibody
Catalog # AP73004**Specification**

UMP-CMP Kinase Polyclonal Antibody - Product Information

Application	WB, IHC-P, IF
Primary Accession	P30085
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

UMP-CMP Kinase Polyclonal Antibody - Additional Information**Gene ID** 51727**Other Names**

CMPK1; CMK; CMPK; UCK; UMK; UMPK; UMP-CMP kinase; Cytidine monophosphate kinase; Cytidylate kinase; Deoxycytidylate kinase; Uridine monophosphate kinase; Uridine monophosphate/cytidine monophosphate kinase; UMP/CMP kinase; UMP/CMPK

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
IHC-P~~N/A
IF~~1:50~200

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

UMP-CMP Kinase Polyclonal Antibody - Protein Information**Name** CMPK1 {ECO:0000255|HAMAP-Rule:MF_03172}**Function**

Catalyzes the phosphorylation of pyrimidine nucleoside monophosphates at the expense of ATP. Plays an important role in de novo pyrimidine nucleotide biosynthesis. Has preference for UMP and CMP as phosphate acceptors. Also displays broad nucleoside diphosphate kinase activity.

Cellular Location

Nucleus {ECO:0000255|HAMAP-Rule:MF_03172, ECO:0000269|PubMed:10462544, ECO:0000269|PubMed:11912132}. Cytoplasm {ECO:0000255|HAMAP-Rule:MF_03172, ECO:0000269|PubMed:10462544, ECO:0000269|PubMed:11912132}. Note=Predominantly cytoplasmic, less than 15% nuclear.

Tissue Location

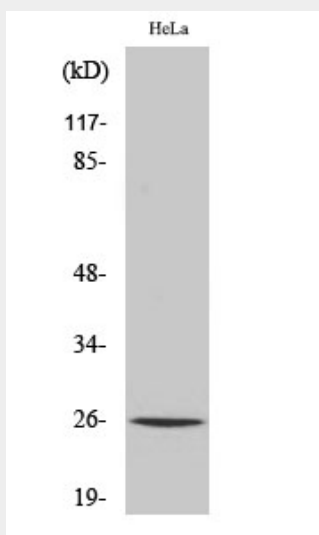
Ubiquitously expressed.

UMP-CMP Kinase Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

UMP-CMP Kinase Polyclonal Antibody - Images



UMP-CMP Kinase Polyclonal Antibody - Background

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