

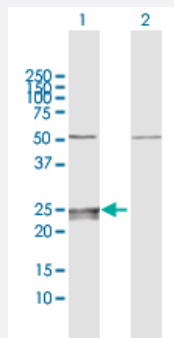
MaxPab®

CMPK1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00051727-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CMPK expression in transfected 293T cell line ([H00051727-T02](#)) by CMPK MaxPab polyclonal antibody.

Lane 1: CMPK transfected lysate(26.00 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CMPK1 protein.
Immunogen	CMPK1 (AAH14961.1, 1 a.a. ~ 228 a.a) full-length human protein.
Sequence	MLSRCRSRLHVLGLSFLLQTRRPILLCSPLMKPLVVFVLGGPGAGKGTQCARIVEKYGYTHLSA GELLRDERKNPDSQYGELIEKYIEGKIVPEITISLLKREMDQTMAANAQKNKFLIDGFPRNQDNL QGWNKTMGKADVSFVLFFDCNNEICIERCLERKSGSRSDDNRESLEKRIQTYLQSTKPIIDLYE EMGKVKKIDASKSVDEVFDEVVQIFDKEG
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (90); Rat (89)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — CMPK1

Entrez GeneID [51727](#)

GeneBank Accession# [BC014961.1](#)

Protein Accession# [AAH14961.1](#)

Gene Name CMPK1

Gene Alias CMK, CMPK, UMK, UMP-CMPK, UMPK

Gene Description cytidine monophosphate (UMP-CMP) kinase 1, cytosolic

Omim ID [191710](#)

Gene Ontology [Hyperlink](#)

Gene Summary Uridine monophosphate (UMP)/cytidine monophosphate (CMP) kinase (EC 2.7.4.4) catalyzes the phosphoryl transfer from ATP to UMP, CMP, and deoxy-CMP (dCMP), resulting in the formation of ADP and the corresponding nucleoside diphosphate. These nucleoside diphosphates are required for cellular nucleic acid synthesis (Liou et al., 2002 [PubMed 11912132]).[supplied by OMIM]

Other Designations Cytidine monophosphate kinase|OTTHUMP00000009565|UMP-CMP kinase|cytidylate kinase

Pathway

- [Metabolic pathways](#)
- [Pyrimidine metabolism](#)