

DNAxPAb

Hard-to-Find
Antibody

CMPK1 DNAxPab

Catalog # H00051727-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CMPK1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MLSRCRSRLLHVLGLSFLQTRRPILLCSPLMKPLVVFVLGGPGAGKGTQCARIVEKYGYTHLSA GELLRDERKNPDSQYGELIEKYKEGKIPVEITISLLKREMDQTMAANAQKNKFLIDGFPRNQDNL QGWNKTMDGKADVSVLFFDCNNEICIERCLERGKSSGRSDDNRESLEKRIQTYLQSTKPIIDLYE EMGKVKKIDASKSVDEVFDEVVQIFDKEG
Host	Rabbit
Reactivity	Human
Purification	Protein A
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.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

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](#)