

Rabbit CMPK1 Polyclonal Antibody | anti-CMPK1 antibody

CMPK1 Polyclonal Antibody

CATALOG # AAA279940	HOST Rabbit	APPLICATIONS Immunofluorescence, Western Blot
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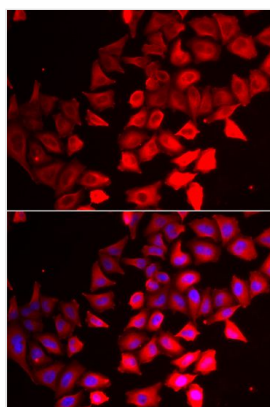
PRODUCT SYNONYMS

CMPK1; Polyclonal Antibody; CMPK1 Polyclonal Antibody; CK; CMK; UMK; CMPK; UMPK; UMP-CMPK; anti-CMPK1 antibody

PRODUCT SPECIFICATIONS

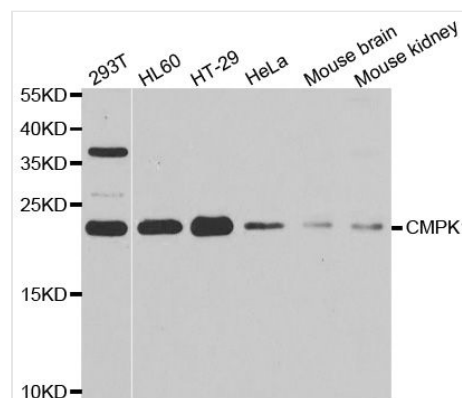
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3
Sequence Length	196
Applicable Applications for anti-CMPK1 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant Protein containing a sequence corresponding to amino acids 69-228 of human CMPK1 (NP_057392.1)
Species Reactivity/Cross Reactivity	Human, Mouse
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of MCF7 cells using CMPK1 antibody (AAA279940). Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using CMPK1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-CMPK1 antibody	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.
Product Categories/Family for anti-CMPK1 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	12644008
NCBI GeneID	51727
UniProt Accession #	P30085; Q53GB7; Q5SVZ0; Q96C07; Q9UBQ8; Q9UIA2; B4DPU7; E9PGI8
Molecular Weight	Observed MW: 22kDa Calculated MW: 16kDa/22kDa
NCBI Official Full Name	UMP-CMP kinase
NCBI Official Synonym Full Names	cytidine monophosphate (UMP-CMP) kinase 1, cytosolic
NCBI Official Symbol	CMPK1
NCBI Official Synonym Symbols	CK; CMK; UMK; CMPK; UMPK; UMP-CMPK
NCBI Protein Information	UMP-CMP kinase; CK; CMPK1; dCMP kinase; UMP/CMP kinase; cytidylate kinase; deoxycytidylate kinase; uridine monophosphate kinase; nucleoside-diphosphate kinase; uridine monophosphate/cytidine monophosphate kinase
UniProt Protein Name	UMP-CMP kinase
UniProt Gene Name	CMPK1
UniProt Entry Name	KCY_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cmpk1-antibody-immunofluorescence-western-blot-elisa/279940>