

Rabbit anti-Human CMPK1 Polyclonal Antibody | anti-CMPK1 antibody

CMPK1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA231358	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

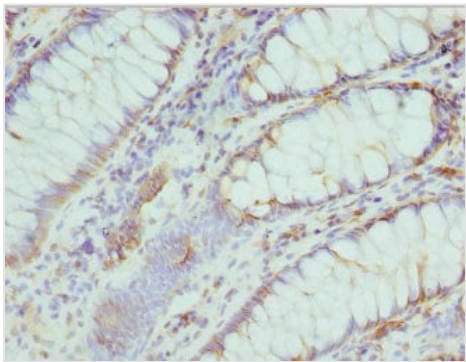
PRODUCT SYNONYMS

CMPK1; Polyclonal Antibody; CMPK1 Antibody; UMP-CMP kinase (EC 2.7.4.14) (Deoxycytidylate kinase) (CK) (dCMP kinase) (Nucleoside-diphosphate kinase) (EC 2.7.4.6) (Uridine monophosphate/cytidine monophosphate kinase) (UMP/CMP kinase) (UMP/CMPK); CMK CMPK UCK UMK UMPK; anti-CMPK1 antibody

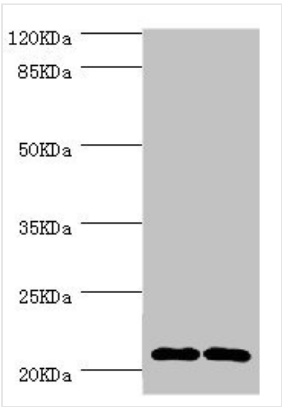
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid; PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence Length	179
Applicable Applications for anti-CMPK1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human UMP-CMP kinase protein (37-196AA)
Conjugate	Non-conjugated
Species	Human
Research Area	Epigenetics and Nuclear Signaling
Target Names	CMPK1
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-104149 / sc-104147 / sc-292300
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human colon cancer using AAA231358 at dilution 1:100



WB (Western Blot)
Western blotAll lanes: CMPK1 antibody at 3.55ug/mL Lane 1:293T whole cell lysateLane 2:Hela whole cell lysateSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 23,17 kDaObserved band size: 22 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-CMPK1 antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	209915597
NCBI GeneID	51727
NCBI Accession #	NP_001129612.1
NCBI GenBank Nucleotide #	NM_001136140.1
UniProt Accession #	P30085; Q53GB7; Q5SVZ0; Q96C07; Q9UBQ8; Q9UIA2; B4DPU7; E9PGI8
NCBI Official Full Name	UMP-CMP kinase isoform b
NCBI Official Synonym Full Names	cytidine/uridine monophosphate kinase 1
NCBI Official Symbol	CMPK1
NCBI Official Synonym Symbols	CK; CMK; UMK; CMPK; UMPK; UMP-CMPK
NCBI Protein Information	UMP-CMP kinase
UniProt Protein Name	UMP-CMP kinase
UniProt Gene Name	CMPK1
UniProt Synonym Gene Names	CK; dCMP kinase; UMP/CMP kinase; UMP/CMPK
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.