Product Name: UMP-CMP Kinase Rabbit Polyclonal Antibody
Catalog #: APRab19625

Summary

Production Name	UMP-CMP Kinase Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	CMPK1
Alternative 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
Gene ID	51727.0
SwissProt ID	P30085.The antiserum was produced against synthesized peptide derived from human KCY. AA range:1-50

Application

Dilution Ratio	WB 1:500 - 1:2000. ELISA: 1:10000

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Molecular Weight 22kD

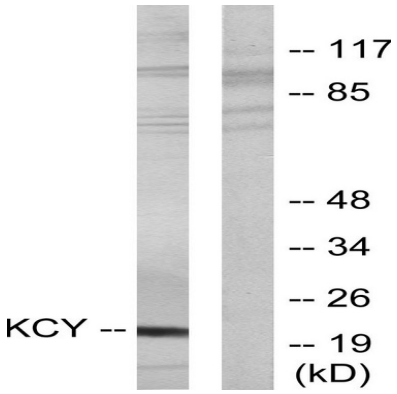
Background

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. [provided by RefSeq, Feb 2012],catalytic activity:ATP + (d)CMP = ADP + (d)CDP.,cofactor:Magnesium.,function:Catalyzes specific phosphoryl transfer from ATP to UMP and CMP.,similarity:Belongs to the adenylate kinase family.,subcellular location:Mainly nuclear.,tissue specificity:Ubiquitously expressed.,

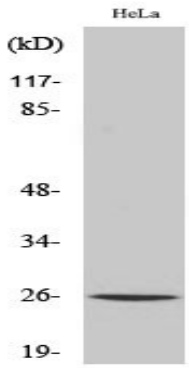
Research Area

Pyrimidine metabolism;

Image Data



Western blot analysis of lysates from HeLa cells, using KCY Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using UMP-CMP Kinase Polyclonal Antibody diluted at 1： 500. Secondary antibody was

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diluted at 1:20000

Note

For research use only.