

anti- UMP/CMP kinase antibody

Product Information

Catalog No.:	FNab09252
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

Pyrimidine nucleoside monophosphate kinase [UMP/CMP kinase(UMP/CMPK)](CMPK1) is also named as CMK, CMPK, UCK, UMK, UMPK and belongs to the adenylate kinase family. It plays a crucial role in the formation of UDP, CDP, and dCDP, which are required for cellular nucleic acid synthesis(PMID:11912132). CMPK1 can use a broad spectrum of phosphate donors but the best phosphate donors are ATP and dATP. The longest deduced protein contains 228 amino acids and has a calculated molecular mass of 26 kD. However, translation likely begins at the second initiation methionine, resulting in a protein of 196 amino acids(PMID:10462544). The shorter form is the endogenously translated protein(PMID:11912132).

Immunogen information

Immunogen:	cytidine monophosphate(UMP-CMP) kinase 1, cytosolic
Synonyms:	CMK, CMPK, CMPK1, Cytidine monophosphate kinase, Cytidylate kinase, Deoxycytidylate kinase, UCK, UMK, UMP CMP kinase, UMP CMPK, UMP/CMP kinase, UMP/CMPK, UMPK, Uridine monophosphate kinase
Observed MW:	26 kDa
Uniprot ID :	P30085

Wuhan Fine Biotech Co., Ltd.

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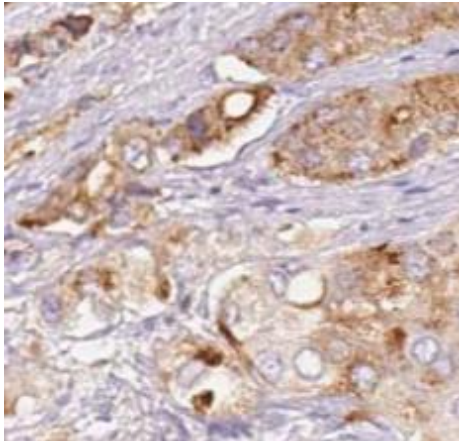
Application

Reactivity: Human, Mouse, Rat

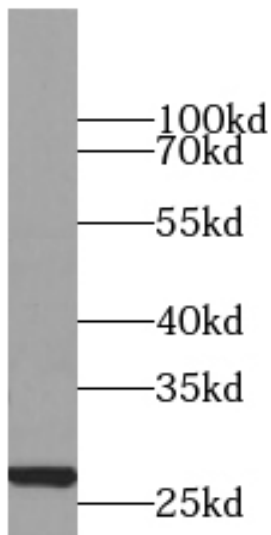
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:200-1:2000; IHC: 1: 20-1: 200

Image:



Immunohistochemistry of paraffin-embedded human pancreas cancer using FNab09252(CMPK1 antibody) at dilution of 1:100



human pancreas tissue were subjected to SDS PAGE followed by western blot with FNab09252(CMPK1 antibody) at dilution of 1:300

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