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Anti-CDC8 Antibody

Catalog # AP51673

Product Information

Application	WB
Primary Accession	P23919
Reactivity	Human, Mouse, Rat, Mk
Host	Rabbit
Clonality	Polyclonal
Calculated MW	23819

Additional Information

Gene ID	1841
Other Names	CDC8; TMPK; TYMK; Thymidylate kinase; dTMP kinase
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human CDC8. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

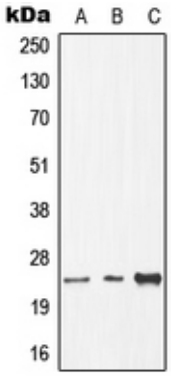
Protein Information

Name	DTYMK
Synonyms	CDC8, TMPK, TYMK
Function	Catalyzes the phosphorylation of thymidine monophosphate (dTMP) to thymidine diphosphate (dTDP), the immediate precursor for the DNA building block dTTP, with ATP as the preferred phosphoryl donor in the presence of Mg(2+).

References

Su J.Y.,et al.Nucleic Acids Res. 19:823-827(1991).
Huang S.H.,et al.DNA Cell Biol. 13:461-471(1994).
Halleck A.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Gauci S.,et al.Anal. Chem. 81:4493-4501(2009).
Choudhary C.,et al.Science 325:834-840(2009).

Images



Western blot analysis of CDC8 expression in HEK293T (A), Raw264.7 (B), H9C2 (C) whole cell lysates. (Predicted band size: 21; 23 kD; Observed band size: 24 kD)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.