

CDC8 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51673

Product Information

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

Additional Information

Gene ID	1841
Other Names	Thymidylate kinase, dTMP kinase, DTYMK, CDC8, TMPK, TYMK
Dilution	WB~~1:1000
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
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+).

Background

Catalyzes the conversion of dTMP to dTDP.

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).

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