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anti-DTYMK antibody (C-Term)





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Quantity:	400 μL
Target:	DTYMK
Binding Specificity:	AA 164-194, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DTYMK antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	This DTYMK antibody is generated from rabbits immunized with a KLH conjugated synthetic
	peptide between 164-194 amino acids from the C-terminal region of human DTYMK.
Clone:	RB5576
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by
	dialysis against PBS.
Target Details	
Target:	DTYMK
Alternative Name:	DTYMK (DTYMK Products)

Target Details

Storage Comment:

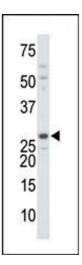
Expiry Date:

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Background:	Thymidylate kinase (DTYMK) catalyzes the phosphorylation of dTMP to form dTDP in the dTTP synthesis pathway for DNA synthesis. DTYMK is essential for DNA synthesis and is an important intermediate enzyme in the pathway of many pyrimidine analog drugs, including 5-Fluorouracil (5-FU), the chemotherapeutic drug of choice for several solid tumors. The human DTYMK gene was isolated via functional complementation of a Saccharomyces cerevisiae cell cycle mutant, cdc8. DTYMK mRNA levels and enzyme activities are regulated at the level of cell cycle and cell growth pathways.	
Molecular Weight:	23819	
Gene ID:	1841	
NCBI Accession:	NP_036277	
UniProt:	P23919	
Pathways:	Nucleotide Phosphorylation	
Application Details		
Application Notes:	WB: 1:1000	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Ctorogo Commont:	Maintain refrigerated at 2.0 °C for up to 6 months. For long target at a second at 2.0 °C in a real	

aliquots to prevent freeze-thaw cycles.

6 months

Maintain refrigerated at 2-8 $^{\circ}$ C for up to 6 months. For long term storage store at -20 $^{\circ}$ C in small



Western Blotting

Image 1. The anti-DTYMK Pab (ABIN391075 and ABIN2841222) is used in Western blot to detect DTYMK in mouse colon tissue lysate.