



# dTMP Kinase Polyclonal Antibody

<b>Catalog No</b>	BYab-03828
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Gene Name</b>	DTYMK
<b>Protein Name</b>	Thymidylate kinase
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human DTYMK. AA range:1-50
<b>Specificity</b>	dTMP Kinase Polyclonal Antibody detects endogenous levels of dTMP Kinase protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/20000.. IF 1:50-200
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	DTYMK; CDC8; TMPK; TYMK; Thymidylate kinase; dTMP kinase
<b>Observed Band</b>	22kD
<b>Cell Pathway</b>	nucleus,mitochondrion,mitochondrial intermembrane space,mitochondrial matrix,cytosol,
<b>Tissue Specificity</b>	Brain,Muscle,Testis,
<b>Function</b>	catalytic activity:ATP + dTMP = ADP + dTDP.,function:Catalyzes the conversion of dTMP to dTDP.,pathway:Pyrimidine metabolism; dTTP biosynthesis.,similarity:Belongs to the thymidylate kinase family.,
<b>Background</b>	catalytic activity:ATP + dTMP = ADP + dTDP.,function:Catalyzes the conversion of dTMP to dTDP.,pathway:Pyrimidine metabolism; dTTP biosynthesis.,similarity:Belongs to the thymidylate kinase family.,
<b>matters needing attention</b>	Avoid repeated freezing and thawing!

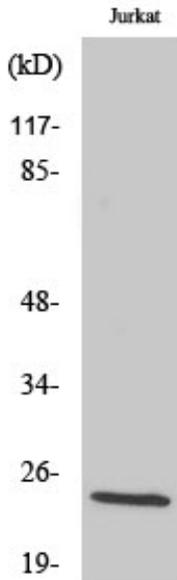
Nanjing BYabscience technology Co.,Ltd



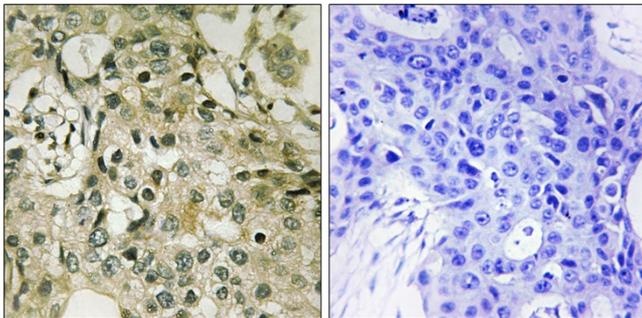
### Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

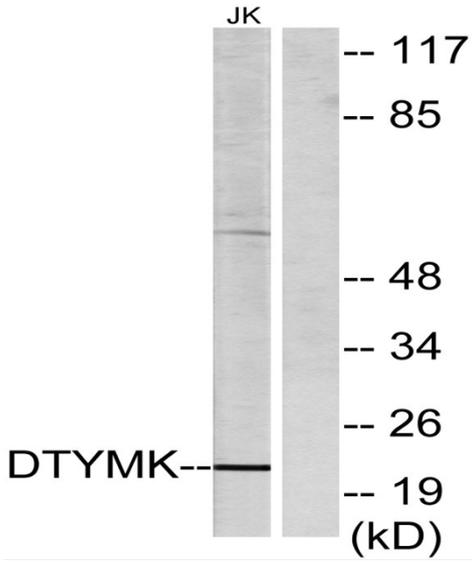
## Products Images



Western Blot analysis of various cells using dTMP Kinase Polyclonal Antibody diluted at 1:500



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using DTYMK Antibody. The picture on the right is blocked with the synthesized peptide.



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