



dTMP Kinase Polyclonal Antibody

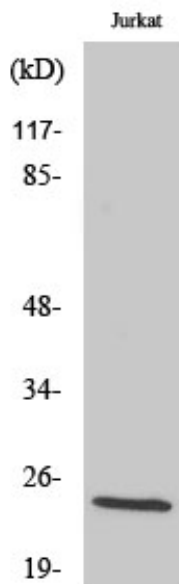
Catalog No	YP-Ab-03828
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC;IF;ELISA
Gene Name	DTYMK
Immunogen	The antiserum was produced against synthesized peptide derived from human DTYMK. AA range:1-50
Specificity	dTMP Kinase Polyclonal Antibody detects endogenous levels of dTMP Kinase protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/20000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CDC8;dTMP kinase;EC:2.7.4.9;TMPK;TYMK;DTYMK;Thymidylate kinase
Observed Band	22kD
Calculated Molecular Weight	22kD
Cell Pathway	nucleus,mitochondrion,mitochondrial intermembrane space,mitochondrial matrix, cytosol,
Tissue Specificity	Brain,Muscle,Testis,
Function	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.,
Background	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.,
matters needing attention	Avoid repeated freezing and thawing!



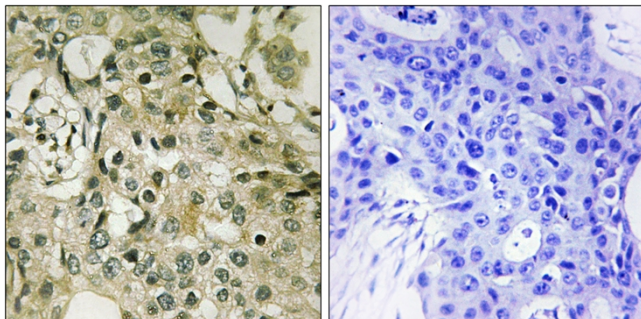
Usage suggestions

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

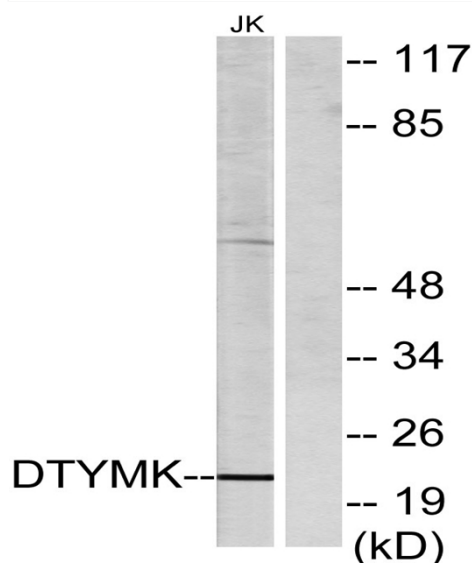
Products Images



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.