

dTMP Kinase rabbit pAb

Cat No.:ES2205

For research use only

Overview

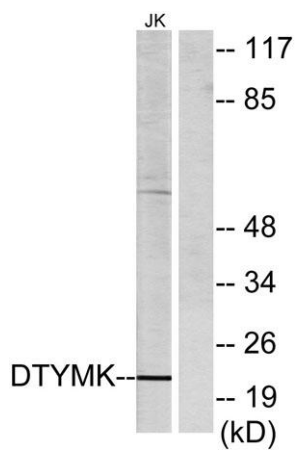
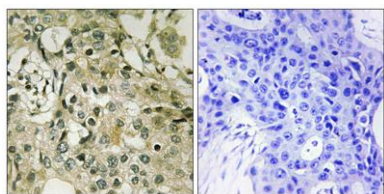
Product Name	dTMP Kinase rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced 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.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Thymidylate kinase
Gene Name	DTYMK
Cellular localization	nucleus,mitochondrion,mitochondrial intermembrane space,mitochondrial matrix,cytosol,
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	22kD
Human Gene ID	1841
Human Swiss-Prot Number	P23919
Alternative Names	DTYMK; CDC8; TMPK; TYMK; Thymidylate kinase; dTMP kinase
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,.





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.

