

Rabbit anti-Human DTYMK Polyclonal Antibody | anti-DTYMK antibody

DTYMK Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323837	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

DTYMK; Polyclonal Antibody; DTYMK Antibody; CDC8; Deoxythymidylate kinase (thymidylate kinase); deoxythymidylate kinase; dTMP kinase; Dtymk; FLJ44192; KTHY_HUMAN; MGC198617; OTTHUMP00000164604; OTTHUMP00000200145; OTTHUMP00000200146; PP3731; Thymidylate kinase; TMPK; TYMK; anti-DTYMK antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	DTYMK antibody detects endogenous levels of total DTYMK
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	188
Applicable Applications for anti-DTYMK antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Xenopus
Similarity	Pig (91%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (91%), Xenopus (91%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from Jurkat cells, using DTYMK antibody.



IHC (Immunohistochemistry)

AAA323837 at 1/100 staining Human prostate tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



IF (Immunofluorescence)

AAA323837 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-DTYMK antibody	Function: Catalyzes the conversion of dTMP to dTDP. Similarity: Belongs to the thymidylate kinase family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	259013537
NCBI GeneID	1841
NCBI Accession #	NP_001158503.1
NCBI GenBank Nucleotide #	NM_001165031.1
UniProt Accession #	P23919; Q6FGX1; Q9BUX4; B7ZW70
Molecular Weight	Observed: 22 kD Predicted: 24 kDa
NCBI Official Full Name	thymidylate kinase isoform 2
NCBI Official Synonym Full Names	deoxythymidylate kinase
NCBI Official Symbol	DTYMK
NCBI Official Synonym Symbols	CDC8; TMPK; TYMK; PP3731
NCBI Protein Information	thymidylate kinase
UniProt Protein Name	Thymidylate kinase
UniProt Gene Name	DTYMK
UniProt Synonym Gene Names	CDC8; TMPK; TYMK

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dtymk-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/323837>