

Rabbit anti-Human, Pig Deoxythymidylate Kinase Polyclonal Antibody | anti-DTYMK antibody

Polyclonal Antibody to Deoxythymidylate Kinase (DTYMK)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA145742	Rabbit	Human, Pig	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Deoxythymidylate Kinase; Polyclonal Antibody; Polyclonal Antibody to Deoxythymidylate Kinase (DTYMK); CDC8; TMPK; TYMK; Thymidylate Kinase; dTMP Kinase; anti-DTYMK antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Pig
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against DTYMK. It has been selected for its ability to recognize DTYMK in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, Containing 0.02% NaN ₃ , 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	254
Applicable Applications for anti-DTYMK antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	DTYMK (Pro43~Asp190)
Conjugate	No Conjugate
Cross Reactivity	Human
Immunoglobulin Type	IgG
Quality Control	Content: The quality control contains recombinant DTYMK (Pro43~Asp190) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemiluminescent (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol,BPB 0.01%, NaN ₃ 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemisry)
DAB staining on fromalin fixed paraffin- embedded breast cancer tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.



WB (Western Blot)
Western Blot: Sample: Human Hela cell lysate; Primary Ab: 1ug/ml Rabbit Anti-Human DTYMK Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

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	21,064 Da
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.