



Anti-DTYMK (aa 103-212) polyclonal antibody (DPAB-DC790)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	DTYMK (deoxythymidylate kinase (thymidylate kinase)) is a protein-coding gene, and is affiliated with the lncRNA class. Diseases associated with DTYMK include chickenpox, and smallpox, and among its related super-pathways are pyrimidine deoxyribonucleotides biosynthesis from CTP and Metabolic pathways. GO annotations related to this gene include thymidylate kinase activity and ATP binding.
Immunogen	DTYMK (NP_036277, 103 a.a. ~ 212 a.a) partial recombinant protein with GST tag. The sequence is VAFTGAKENFSLDWCKQPDVGLPKPDLVLFQLQLADAAKRGAFGHERYENGAFQERALR CFHQLMKDITTLNWKMVDASKSIEAVHEDIRVLSEDAIRTATEKPLGELWK
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Cell lysate), WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	DTYMK deoxythymidylate kinase (thymidylate kinase) [Homo sapiens (human)]
Official Symbol	DTYMK
Synonyms	DTYMK; deoxythymidylate kinase (thymidylate kinase); CDC8; TMPK; TYMK; PP3731; thymidylate kinase; dTMP kinase;
Entrez Gene ID	1841
Protein Refseq	NP_001158503
UniProt ID	P23919
Chromosome Location	2q37.3
Pathway	Metabolism; Pyrimidine metabolism; Synthesis and interconversion of nucleotide di- and triphosphates; pyrimidine deoxyribonucleotides biosynthesis from CTP
Function	ATP binding; nucleoside phosphate kinase activity; thymidylate kinase activity;