



Anti-TK1 (aa 157-234) polyclonal antibody (DPAB-DC3070)

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

PRODUCT INFORMATION

Antigen Description	TK1 (thymidine kinase 1, soluble) is a protein-coding gene. Diseases associated with TK1 include hypochondroplasia, and thanatophoric dysplasia, and among its related super-pathways are Pyrimidine metabolism and Fluoropyrimidine Pathway, Pharmacokinetics. GO annotations related to this gene include thymidine kinase activity and ATP binding.
Immunogen	TK1 (NP_003249, 157 a.a. ~ 234 a.a) partial recombinant protein with GST tag. The sequence is FREAAAYTKRLGTEKEVEVIGGADKYHSVCRLCYFKKASGQPAGPDNKENCVPVPGKPGEAV AARKLFAPQQILQCSPAN
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	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 [TK1 thymidine kinase 1, soluble \[Homo sapiens \(human\) \]](#)

Official Symbol	TK1
Synonyms	TK1; thymidine kinase 1, soluble; TK2; thymidine kinase, cytosolic; thymidine kinase-1; thymidine kinase 1 soluble isoform;
Entrez Gene ID	7083
Protein Refseq	NP_003249
UniProt ID	P04183
Chromosome Location	17q23.2-q25.3
Pathway	Drug metabolism - other enzymes; E2F transcription factor network; Metabolism; Pyrimidine metabolism
Function	ATP binding; identical protein binding; nucleoside kinase activity; thymidine kinase activity