

Product datasheet for **TA354619**

Thymidine Kinase 1 (TK1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB 0.1-1 µg/ml ELISA 0.01-0.1 µg/ml IP 2-5 µg/ml IHC 2-10 µg/ml FC 5-10 µg/ml
Reactivity:	Drosophila
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthetic peptide corresponding to the N-terminus of fruit fly thymidine kinase protein.
Formulation:	This affinity purified antibody is supplied in sterile Phosphate buffered saline (pH7.2) containing antibody stabilizer.
Purification:	The Rabbit IgG is purified by Epitope Affinity Purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	26 kDa
Gene Name:	thymidine kinase 1
Database Link:	NP_003249 Entrez Gene 7083 Human P04183
Background:	Deoxynucleoside kinases (dNK) are key enzymes in deoxyribonucleoside salvage, activating several clinically important chemotherapeutic drugs. Deoxynucleoside kinases catalyze the phosphorylation of deoxyribonucleosides to yield corresponding monophosphates (dNMPs). This family consists of various deoxynucleoside kinases including deoxyribocytidine kinase (dCK), deoxyriboguanosine kinase(dGK), cytosolic thymidine kinase(TK1) and mitochondrial thymidine kinase (TK2).
Synonyms:	TK2
Protein Families:	Druggable Genome, Stem cell - Pluripotency



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Protein Pathways: Drug metabolism - other enzymes, Metabolic pathways, Pyrimidine metabolism

Product images:



WB: The tissue extract derived from fruit fly was immunoblotted by Rabbit anti-TK1 at 1:500. An immunoreactive band is observed ~26 kDa.