

CAB13612

Product Information

Product SKU:	CAB13612	Gene ID:	7083	Size:	20uL, 100uL
Clone No:	ARC0719	Host Species:	Rabbit	Reactivity:	Human

Additional Information

Observed MW:	26kDa	Conjugate:	Unconjugated
Calculated MW:	25kDa	Isotype:	IgG

Immunogen Information

Background: The protein encoded by this gene is a cytosolic enzyme that catalyzes the addition of a gamma-phosphate group to thymidine. This creates dTMP and is the first step in the biosynthesis of dTTP, which is one component required for DNA replication. The encoded protein, whose levels fluctuate depending on the cell cycle stage, can act as a low activity dimer or a high activity tetramer. High levels of this protein have been used as a biomarker for diagnosing and categorizing many types of cancers.

Recommended Dilution: WB, 1:500 - 1:1000

Synonyms: TK2; Thymidine Kinase 1

Purification Method: Affinity purification

Immunogen: A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Thymidine Kinase 1 (P04183).

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.