

## Anti-Phospho-TK1 (Ser13) Polyclonal Antibody 2

### Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat,Pig
Conjugation:	Unconjugated
Molecular Weight:	Actual: 25 kDa.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

### Applications

Application:	ELISA,IF,IHC-P,WB
Recommended	WB: 1:500-2000; IHC-P: 1:100-300; ELISA: 1:5000

### Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	A synthesized phosphopeptide: human TK around the phosphorylation site of Ser13. AA range: 1-50
Antigen Species:	Human
Uniprot ID:	P04183
Synonyms:	TK1 (p-S13);p-TK1 (S13);TK1 (p-Ser13);p-TK1 (Ser13)

### Research Background

catalytic activity:ATP + thymidine = ADP + thymidine 5'-phosphate.,miscellaneous:Two forms have been identified in animal cells, one in cytosol and one in mitochondria. Activity of the cytosolic enzyme is high in proliferating cells and peaks during the S-phase of the cell cycle; it is very low in resting cells.,PTM:Phosphorylated on Ser-13 in mitosis., similarity:Belongs to the thymidine kinase family.,

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