

TTK

Reactivity:Human Mouse Rat

Tested applications:WB IHC

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW:97kDa

Observed MW:Refer to Figures

Immunogen:

Recombinant protein of human TTK

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

b

Synonym:

ESK; PYT; CT96; MPH1; MPS1; MPS1L1;

Catalog #:A2500

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:7272

Isotype:IgG

Swiss Prot:P33981

Purity:Affinity purification

For research use only.

Background:

This gene encodes a dual specificity protein kinase with the ability to phosphorylate tyrosine, serine and threonine. Associated with cell proliferation, this protein is essential for chromosome alignment at the centromere during mitosis and is required for centrosome duplication. It has been found to be a critical mitotic checkpoint protein for accurate segregation of chromosomes during mitosis. Tumorigenesis may occur when this protein fails to degrade and produces excess centrosomes resulting in aberrant mitotic spindles. Alternative splicing results in multiple transcript variants.

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