

TTK Antibody

Catalog No: #32677

Package Size: #32677-1 50ul #32677-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

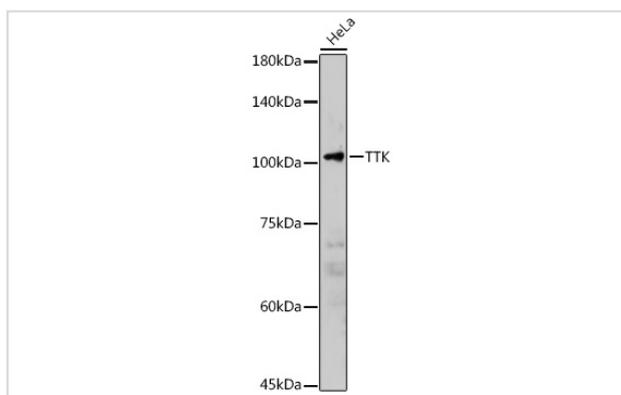
Description

Product Name	TTK Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total TTK protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human TTK (NP_001160163.1).
Target Name	TTK
Other Names	TTK;CT96;ESK;MPH1;MPS1;MPS1L1;PYT
Accession No.	Uniprot:P33981GeneID:7272
SDS-PAGE MW	100KDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

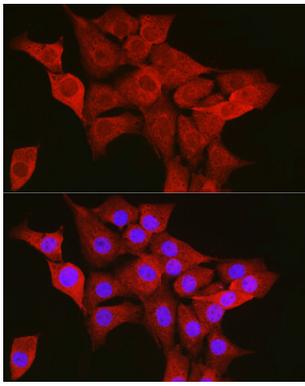
Application Details

WB □ 1:500 - 1:2000 IF □ 1:50 - 1:200

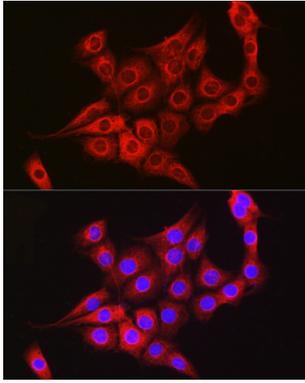
Images



Western blot analysis of extracts of HeLa cells, using TTK antibody.



Immunofluorescence analysis of NIH/3T3 cells using TTK Rabbit pAb.



Immunofluorescence analysis of PC-12 cells using TTK Rabbit pAb.

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.