

产品名称: TTK Rabbit Polyclonal Antibody
产品货号: APRab19404



产品概述 (Summary)

产品名称 (Production Name)	TTK Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	TTK
别名 (Alternative Names)	TTK; MPS1; MPS1L1; Dual specificity protein kinase TTK; Phosphotyrosine picked threonine-protein kinase; PYT
基因 ID (Gene ID)	7272.0
蛋白 ID (SwissProt ID)	P33981.The antiserum was produced against synthesized peptide derived from human TTK. AA range:642-691

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	100kDa

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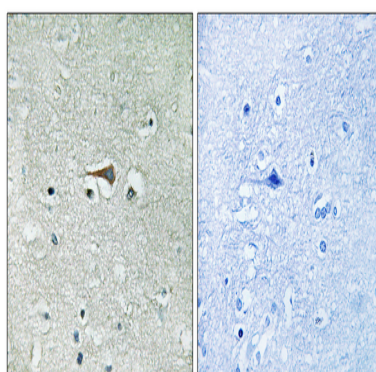
研究背景 (Background)

TTK protein kinase(TTK) Homo sapiens 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. [provided by RefSeq, Nov 2009],catalytic activity:ATP + a protein = ADP + a phosphoprotein.,function:Phosphorylates proteins on serine, threonine, and tyrosine. Probably associated with cell proliferation.,similarity:Belongs to the protein kinase superfamily.,similarity:Belongs to the protein kinase superfamily. Ser/Thr protein kinase family.,similarity:Contains 1 protein kinase domain.,tissue specificity:Present in rapidly proliferating cell lines.,

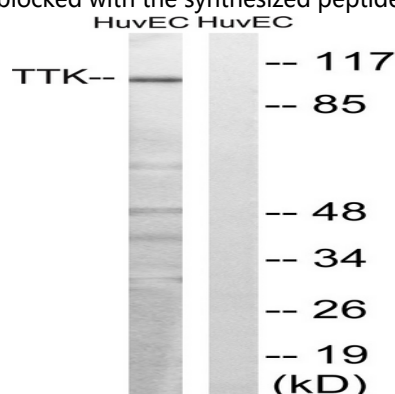
研究领域 (Research Area)

Cell_Cycle_G1S;Cell_Cycle_G2M_DNA;

图片 (Image Data)



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using TTK Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HUVEC cells, treated with etoposide 25uM 24H, using TTK Antibody. The lane on the

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right is blocked with the synthesized peptide.

注意事项 (Note)

For research use only .