

Rabbit anti-Human, Mouse TTK Protein Kinase Polyclonal Antibody | anti-TTK antibody

Polyclonal Antibody to TTK Protein Kinase (TTK)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA20893	Rabbit	Human, Mouse	Western Blot, Immunocytochemistry, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

TTK Protein Kinase; Polyclonal Antibody; Polyclonal Antibody to TTK Protein Kinase (TTK); anti-TTK antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against TTK. It has been selected for its ability to recognize TTK in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	0.99mg/ml (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag, His-tag and T7-tag and its sequence is listed below. MGSSH HHHHHSSGLV PRGSHMASMT GGQQMGRGSE F-GSGGSSKV FQVLNEKKQI YAIKYVNLEE ADNQTLDYSYR NEIAYLNKLQ QHSDKIIRLY DYEITDQYIY MVMECGNIDL NSWLKKKSI DPWERKSYWK NMLEAVHTIH QHGIVHSDLK PANFLIVDGM LKLIDFGIAN QMQPDTTSVV KDSQVGTVNY MPPEAIKDMS SSRENGKSKS KISPKSDVWS LGCILYYMTY G
Sequence Length	882
Applicable Applications for anti-TTK antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), ELISA
Application Notes	Western blotting: 1-5ug/ml Immunocytochemistry in formalin fixed cells: 5-20ug/ml Immunohistochemistry in formalin fixed frozen section: 5-20ug/ml Immunohistochemistry in paraffin section: 5-20ug/ml Enzyme-linked Immunosorbent Assay: 0.05-2ug/ml Optimal working dilutions must be determined by end user.
Fragment	TTK (Gly532~Leu786)
Organism Species	Homo sapiens (Human)
Cross Reactivity	Human, Mouse
Conjugate	No Conjugate
Immunogen	Recombinant TTK (Gly532~Leu786) expressed in E. coli.
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



KO (Knockout Validation)

Knockout Validation: Lane 1: Wild-type Hela cell lysate; Lane 2: TTK knockout Hela cell lysate;
Predicted MW: 97kd Observed MW: 100kd Primary Ab: 5ug/ml Rabbit Anti-Human TTK
Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Human.



WB (Western Blot)

Western Blot: Sample: Human Hela Cells.

ADDITIONAL INFORMATION

Product Categories/Family for anti-TTK antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	262399361
NCBI GeneID	7272
NCBI Accession #	NP_001160163.1
NCBI GenBank Nucleotide #	NM_001166691.1
UniProt Accession #	P33981; Q15272; Q5TCS0; Q9BW51; Q9NTM0; A8K8U5; B2RDW2; E1P543
Molecular Weight	96,944 Da
NCBI Official Full Name	dual specificity protein kinase TTK isoform 2
NCBI Official Synonym Full Names	TTK protein kinase
NCBI Official Symbol	TTK
NCBI Official Synonym Symbols	ESK; PYT; CT96; MPH1; MPS1; MPS1L1
NCBI Protein Information	dual specificity protein kinase TTK
UniProt Protein Name	Dual specificity protein kinase TTK
UniProt Gene Name	TTK
UniProt Synonym Gene Names	MPS1; MPS1L1; PYT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.