

TK Antibody | anti-TK antibody

Phospho-TK (Ser13) Antibody

CATALOG # AAA267875	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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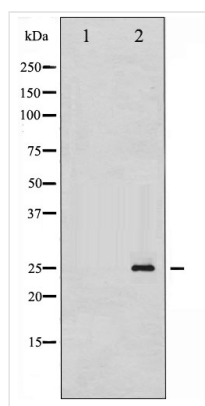
PRODUCT SYNONYMS

TK; Phospho-TK (Ser13) Antibody; EC 2.7.1.21; KITH; TK-1; TK1; Thymidine kinase; cytosolic; anti-TK antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	Phospho-TK (Ser13) Antibody detects endogenous levels of TK only when phosphorylated at Serine 13
Purity/Purification	Immunogen affinity purified
Form/Format	In phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	234
Applicable Applications for anti-TK antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human TK around the phosphorylation site of Serine 13
Preparation and Storage	Store at -20°C for 1 year.

IMAGES



WB (Western Blot)

Western blot analysis of TK phosphorylation expression in paclitaxel treated HeLa whole cell lysates. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-TK antibody	TK is a cytosolic thymidine kinase. Phosphorylated during mitosis. Its enzymatic activity is high in proliferating cells and peaks during the S-phase of the cell cycle; it is very low in resting cells.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	164698438
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NCBI GeneID	7083
NCBI Accession #	NP_003249.3
NCBI GenBank Nucleotide #	NM_003258.4
UniProt Accession #	P04183 ; Q969V0 ; Q9UMG9 ; B2RC58
Molecular Weight	25kDa
NCBI Official Full Name	thymidine kinase, cytosolic isoform 1
NCBI Official Synonym Full Names	thymidine kinase 1
NCBI Official Symbol	TK1
NCBI Official Synonym Symbols	TK2
NCBI Protein Information	thymidine kinase, cytosolic
UniProt Protein Name	Thymidine kinase, cytosolic
UniProt Gene Name	TK1

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.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/tk/267875>