

Rabbit anti-Human, mouse TLK2 Polyclonal Antibody | anti-TLK2 antibody

TLK2 Antibody (Center)

CATALOG # AAA284299	HOST Rabbit	REACTIVITY Human, mouse	APPLICATIONS ELISA, Western Blot
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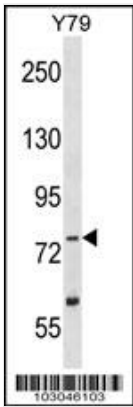
PRODUCT SYNONYMS

TLK2; Polyclonal Antibody; TLK2 Antibody (Center); Serine/threonine-protein kinase tousled-like 2; HsHPK; PKU-alpha; Tousled-like kinase 2; anti-TLK2 antibody

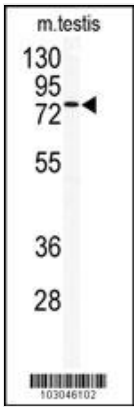
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TLK2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 141-171 amino acids from the Central region of human TLK2.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 1.78 (varies by lot)
Sequence Positions	141-171
Sequence Length	718
Applicable Applications for anti-TLK2 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
TLK2 Antibody (K155) western blot analysis in Y79 cell line lysates (35ug/lane). This demonstrates the TLK2 antibody detected the TLK2 protein (arrow).



WB (Western Blot)
Western blot analysis of anti-TLK2 Antibody (Center) in mouse testis tissue lysates (35ug/lane). TLK2 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-TLK2 antibody	TLK2, a member of the Ser/Thr protein kinase family, is rapidly and transiently inhibited by phosphorylation following the generation of DNA double-stranded breaks during S-phase. This is cell cycle checkpoint and ATM-pathway dependent and appears to regulate processes involved in chromatin assembly. The TLK2 enzyme is cell-cycle regulated, with maximal activity in S-phase. It is inactivated by phosphorylation at Ser-750, potentially by CHK1. TLK2 heterodimerizes with TLK1. This nuclear protein is widely expressed, with presence in fetal placenta, liver, kidney, pancreas, heart and skeletal muscle tissues, and in several adult cell lines.
Product Categories/Family for anti-TLK2 antibody	Cell Biology
References	Groth, A., et al., EMBO J. 22(7):1676-1687 (2003). Strausberg, R.L., et al., Proc. Natl. Acad. Sci. U.S.A. 99(26):16899-16903 (2002). Sillje, H.H., et al., EMBO J. 18(20):5691-5702 (1999). Yamakawa, A., et al., Gene 202 (1-2), 193-201 (1997).

NCBI AND UNIPROT INFORMATION

NCBI GI #	162951881
NCBI GeneID	11011
NCBI Accession #	NP_001106178.1; NP_006843.2
NCBI GenBank Nucleotide #	NM_001112707.1
UniProt Accession #	Q86UE8; Q9UKI7; Q9Y4F7; D3DU07
Molecular Weight	87661
NCBI Official Synonym Full Names	tousled-like kinase 2
NCBI Official Symbol	TLK2
NCBI Official Synonym Symbols	HsHPK; PKU-ALPHA
NCBI Protein Information	serine/threonine-protein kinase tousled-like 2
UniProt Protein Name	Serine/threonine-protein kinase tousled-like 2
UniProt Gene Name	TLK2
UniProt Entry Name	TLK2_HUMAN

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/polyclonal/tlk2-antibody-western-blot-elisa/284299>