

Rabbit anti-Human TXK Polyclonal Antibody | anti-TXK antibody

TXK Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284577	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

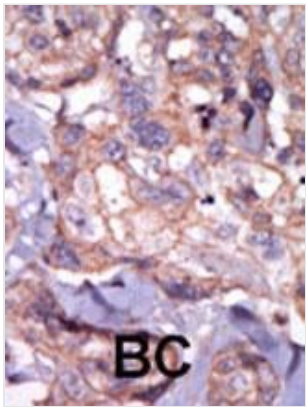
PRODUCT SYNONYMS

TXK; Polyclonal Antibody; TXK Antibody (N-term); Tyrosine-protein kinase TXK; Protein-tyrosine kinase 4; Resting lymphocyte kinase; PTK4; RLK; anti-TXK antibody

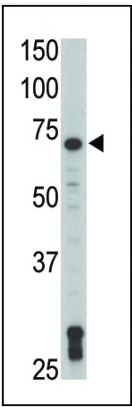
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TXK antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 22-52 amino acids from the N-terminal region of human TXK.
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: 2 (varies by lot)
Sequence Positions	22-52
Sequence Length	527
Applicable Applications for anti-TXK antibody	IHC (Immunohistochemistry), 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.

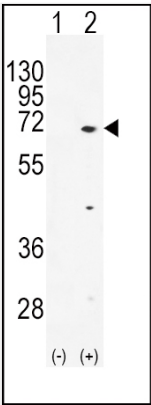
IMAGES



IHC (Immunohistochemisry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
Western blot analysis of anti-TXK Pab in Jurkat cell lysate. TXK (arrow) was detected using purified Pab. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.



WB (Western Blot)
Western blot analysis of TXK (arrow) using rabbit polyclonal hTXK-E37. 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the TXK gene.

ADDITIONAL INFORMATION

Related Product Information for anti-TXK antibody	Protein kinases are enzymes that transfer a phosphate group from a phosphate donor, generally the g phosphate of ATP, onto an acceptor amino acid in a substrate protein. By this basic mechanism, protein kinases mediate most of the signal transduction in eukaryotic cells, regulating cellular metabolism, transcription, cell cycle progression, cytoskeletal rearrangement and cell movement, apoptosis, and differentiation. With more than 500 gene products, the protein kinase family is one of the largest families of proteins in eukaryotes. The family has been classified in 8 major groups based on sequence comparison of their tyrosine (PTK) or serine/threonine (STK) kinase catalytic domains. The STE group (homologs of yeast Sterile 7, 11, 20 kinases) consists of 50 kinases related to the mitogen-activated protein kinase (MAPK) cascade families (Ste7/MAP2K, Ste11/MAP3K, and Ste20/MAP4K). MAP kinase cascades, consisting of a MAPK and one or more upstream regulatory kinases (MAPKKs) have been best characterized in the yeast pheromone response pathway. Pheromones bind to Ste cell surface receptors and activate yeast MAPK pathway.
Product Categories/Family for anti-TXK antibody	Immunology; Signal Transduction
References	Takeba, Y., et al., J. Immunol. 168(5):2365-2370 (2002). Spritz, R.A., et al., Genomics 22(2):431-436 (1994). Haire, R.N., et al., Hum. Mol. Genet. 3(6):897-901 (1994).

NCBI AND UNIPROT INFORMATION

NCBI GI #	148596974
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NCBI GeneID	7294
NCBI Accession #	NP_003319.2
NCBI GenBank Nucleotide #	NM_003328.2
UniProt Accession #	P42681; Q14220
Molecular Weight	61258
NCBI Official Full Name	tyrosine-protein kinase TXK
NCBI Official Synonym Full Names	TXK tyrosine kinase
NCBI Official Symbol	TXK
NCBI Official Synonym Symbols	RLK; TKL; BTKL; PTK4; PSCTK5
NCBI Protein Information	tyrosine-protein kinase TXK
UniProt Protein Name	Tyrosine-protein kinase TXK
UniProt Gene Name	TXK
UniProt Synonym Gene Names	PTK4; RLK
UniProt Entry Name	TXK_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/tkx-antibody-immunohistochemistry-western-blot-elisa/284577>