

Rabbit TKTL1 Polyclonal Antibody | anti-TKTL1 antibody

TKTL1 antibody - middle region

CATALOG # AAA200321	HOST Rabbit	REACTIVITY Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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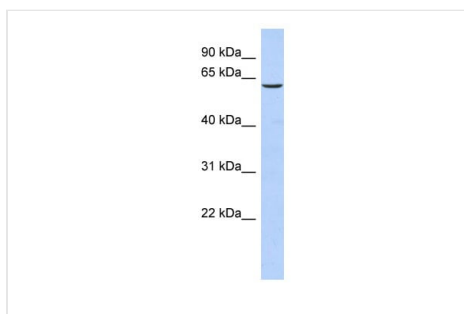
PRODUCT SYNONYMS

TKTL1; Polyclonal Antibody; TKTL1 antibody - middle region; anti-TKTL1 antibody

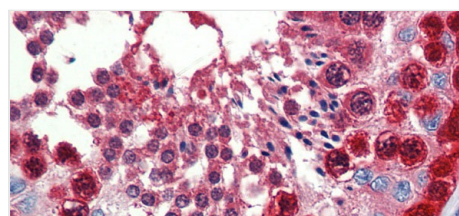
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: QI QTSRNLDPPQ PIEDSPEVNI TDVRMTSPDP YRVGDKIATR KACGLALA
Sequence Length	596
Applicable Applications for anti-TKTL1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Dog: 83%; Guinea Pig: 79%; Horse: 77%; Human: 100%; Mouse: 85%; Rabbit: 77%; Rat: 77%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human TKTL1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-TKTL1 Antibody Titration: 1 ug/ml Positive Control: Fetal Stomach cell lysate


IHC (Immunohistochemistry)

Immunohistochemistry with Human Testis lysate tissue at an antibody concentration of 5.0ug/ml using anti-TKTL1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-TKTL1 antibody	This is a rabbit polyclonal antibody against TKTL1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: Strong TKTL1 protein expression has been correlated with a certain type of glucose metabolism (aerobic glycolysis; Warburg effect) and to cells which are affected by chronic complications of diabetic patients. In colon and urothelial carcinomas, expression at the protein level is correlated with invasiveness of tumors and poor patient survival.
Product Categories/Family for anti-TKTL1 antibody	Polyclonal ; Signal Proteins ; Lymphocyte Signaling ; Membrane Protein ; Drugs and Drug Metabolism ; Developmental Biology ; Immunohistochemistry ; Receptors

NCBI AND UNIPROT INFORMATION

NCBI GI #	225637459
NCBI GeneID	8277
NCBI Accession #	NP_036385
NCBI GenBank Nucleotide #	NM_012253
UniProt Accession #	P51854
Molecular Weight	65kDa
NCBI Official Full Name	transketolase-like protein 1 isoform a
NCBI Official Synonym Full Names	transketolase like 1
NCBI Official Symbol	TKTL1
NCBI Official Synonym Symbols	TKR; TKT2
NCBI Protein Information	transketolase-like protein 1
UniProt Protein Name	Transketolase-like protein 1
UniProt Gene Name	TKTL1
UniProt Synonym Gene Names	TKR; TKT2; TK 2

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/tktl1-antibody-western-blot-immunohistochemistry-elisa/200321>