

Rabbit TKT Polyclonal Antibody | anti-TKT antibody

TKT antibody - N-terminal region

CATALOG # AAA199931	HOST Rabbit	REACTIVITY Cow, Human, Mouse, Pig, Rabbit, Rat, Zebrafish	APPLICATIONS Immunohistochemistry, Western Blot
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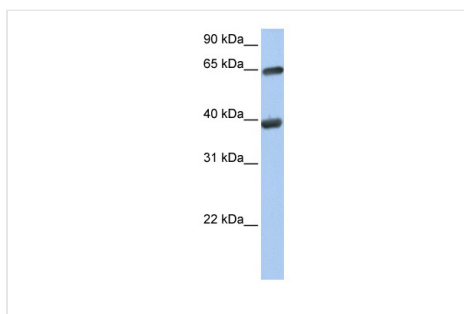
PRODUCT SYNONYMS

TKT; Polyclonal Antibody; TKT antibody - N-terminal region; anti-TKT antibody

PRODUCT SPECIFICATIONS

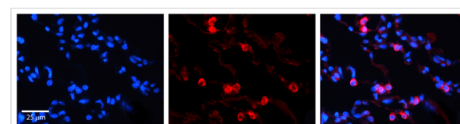
Host	Rabbit
Reactivity	Cow, Human, Mouse, Pig, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: ES YHKPDQQLQ ALKDTANRLR ISSIQATTAA GSGHPTSCCS AAEIMAVL
Sequence Length	623
Applicable Applications for anti-TKT antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 77%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human TKT
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



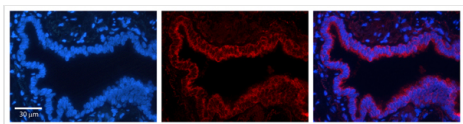
WB (Western Blot)

WB Suggested Anti-TKT Antibody Titration: 0.2-1 ug/ml
Positive Control: 721_B cell lysate
TKT is strongly supported by BioGPS gene expression data to be expressed in Human 721_B cells



IHC (Immunohistochemistry)

TKT antibody - N-terminal region
Formalin Fixed Paraffin Embedded Tissue: Human Lung
Tissue
Observed Staining: Cytoplasm of pneumocytes
Primary Antibody Concentration: 1:100
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec



IHC (Immunohistochemistry)
 TKT antibody - N-terminal region
 Formalin Fixed Paraffin Embedded Tissue: Human Bronchial Epithelial Tissue
 Observed Staining: Cytoplasm of bronchial epithelial tissue
 Primary Antibody Concentration: 1:100
 Secondary Antibody: Donkey anti-Rabbit-Cy3
 Secondary Antibody Concentration: 1:200
 Magnification: 20X
 Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-TKT antibody	This is a rabbit polyclonal antibody against TKT. It was validated on Western Blot using a cell lysate as a positive control. Target Description: TKT belongs to the transketolase family. TKT has been implicated in the latent genetic disease Wernicke-Korsakoff syndrome (WKS), which causes specific brain damage.
Product Categories/Family for anti-TKT antibody	Polyclonal ; Drugs and Drug Metabolism ; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507521
NCBI GeneID	7086
NCBI Accession #	NP_001055
NCBI GenBank Nucleotide #	NM_001064
UniProt Accession #	P29401
Molecular Weight	68kDa
NCBI Official Full Name	transketolase isoform 1
NCBI Official Synonym Full Names	transketolase
NCBI Official Symbol	TKT
NCBI Official Synonym Symbols	TK; TKT1; SDDHD; HEL107; HEL-S-48
NCBI Protein Information	transketolase
UniProt Protein Name	Transketolase
UniProt Gene Name	TKT
UniProt Synonym Gene Names	TK
UniProt Entry Name	TKT_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/tkt-antibody-immunohistochemistry-western-blot-elisa/199931>