

Rabbit TKT Polyclonal Antibody | anti-TKT antibody

TKT Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA280084	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

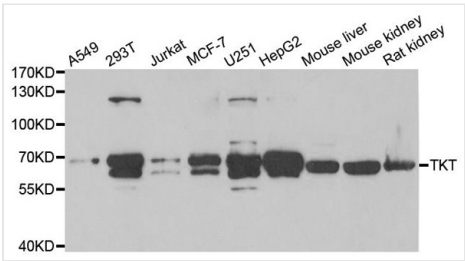
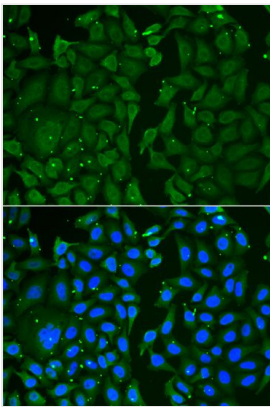
PRODUCT SYNONYMS

TKT; Polyclonal Antibody; TKT Polyclonal Antibody; TK; TKT1; HEL107; anti-TKT antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.09% Sodium azide, 50% glycerol, pH7.3.
Concentration	1mg/ml (varies by lot)
Sequence Length	623
Applicable Applications for anti-TKT antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human TKT
Calculated Molecular Weight	67kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using TKT antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.

IF (Immunofluorescence)
Immunofluorescence analysis of U2OS cells using TKT antibody. Blue: DAPI for nuclear staining.

ADDITIONAL INFORMATION

Related Product Information for anti-TKT antibody	This gene encodes a thiamine-dependent enzyme which plays a role in the channeling of excess sugar phosphates to glycolysis in the pentose phosphate pathway. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
Product Categories/Family for anti-TKT antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	1729976
NCBI GeneID	7086
UniProt Accession #	P29401; Q8TBA3; Q96HH3; A8K089; B4DE31; E7EPA7
Molecular Weight	623
NCBI Official Full Name	Transketolase
NCBI Official Synonym Full Names	transketolase
NCBI Official Symbol	TKT
NCBI Official Synonym Symbols	TK; TKT1; HEL107
NCBI Protein Information	transketolase; epididymis luminal protein 107
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.