



# TKT Polyclonal Antibody

<b>Catalog No</b>	BYab-07657
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	TKT
<b>Protein Name</b>	Transketolase (TK) (EC 2.2.1.1)
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein AA range: 125-175
<b>Specificity</b>	TKT Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	68kD
<b>Cell Pathway</b>	nucleus,nucleoplasm,peroxisome,cytosol,vesicle,myelin sheath,extracellular exosome,
<b>Tissue Specificity</b>	Brain,Epithelium,Human uterus,Kidney,Liver,Lymph,Platelet,Thymus,
<b>Function</b>	catalytic activity:Sedoheptulose 7-phosphate + D-glyceraldehyde 3-phosphate = D-ribose 5-phosphate + D-xylulose 5-phosphate.,cofactor:Binds 1 calcium ion per subunit.,cofactor:Binds 1 thiamine pyrophosphate per subunit.,disease:Has been implicated in the latent genetic disease Wernicke-Korsakoff syndrome (WKS) [MIM:277730]. WKS causes specific brain damage.,online information:Transketolase entry,similarity:Belongs to the transketolase family.,subunit:Homodimer.,
<b>Background</b>	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

Nanjing BYabscience technology Co.,Ltd



been observed for this gene. [provided by RefSeq, Apr 2012],

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**