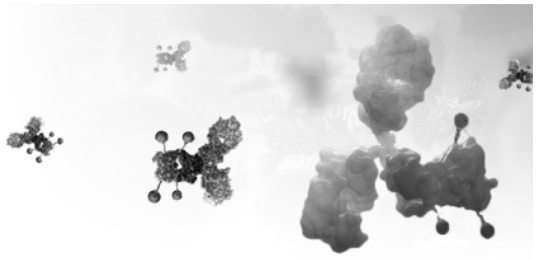

Anti-TKT (C-terminal) polyclonal antibody (DPAB-DC944)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes an enzyme that binds magnesium and thiamine pyrophosphate and catalyzes the transfer of sugar phosphates to an aldose acceptor. This enzyme is a key component of the pentose phosphate pathway during glycolysis. It is significantly expressed in the cornea and may be involved in the cellular response against oxidative stress. Haploinsufficiency of this gene leads to decreased growth and reduction of adipose tissue.
Immunogen	A synthetic peptide corresponding to C-terminus of mouse Tkt.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Conjugate	Unconjugated
Applications	WB, ELISA,
Format	Liquid
Size	100 µg
Buffer	In PBS, pH 7.2 (50% glycerol, 0.01% sodium azide)
Preservative	0.01% Sodium Azide
Storage	Store at -20°C.Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

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Gene Name	Tkt transketolase [Mus musculus (house mouse)]
Official Symbol	TKT
Synonyms	TKT; transketolase; p68; TK;
Entrez Gene ID	21881
Protein Refseq	NP_033414
UniProt ID	P40142
Chromosome Location	14; 14 B1
Pathway	(deoxy)ribose phosphate degradation; Biosynthesis of amino acids; Carbon metabolism; Glycogen storage diseases
Function	carbohydrate binding; catalytic activity; cofactor binding; magnesium ion binding

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