

Datasheet for ABIN7441421
anti-TKT antibody (AA 1-286)

5 Images

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Overview

Quantity:	100 µL
Target:	TKT
Binding Specificity:	AA 1-286
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TKT antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Transketolase (TKT)
Immunogen:	Recombinant Transketolase (TKT) corresponding to Met1~Lys286 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against TKT. It has been selected for its ability to recognize TKT in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	TKT
Alternative Name:	Transketolase (TKT Products)
Background:	TK, Wernicke-Korsakoff Syndrome

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

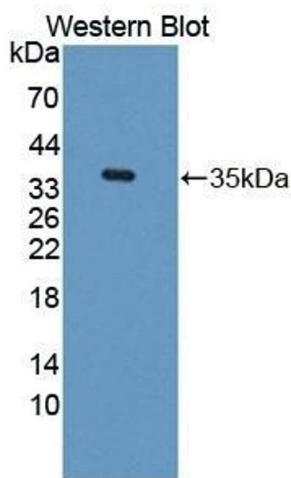
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



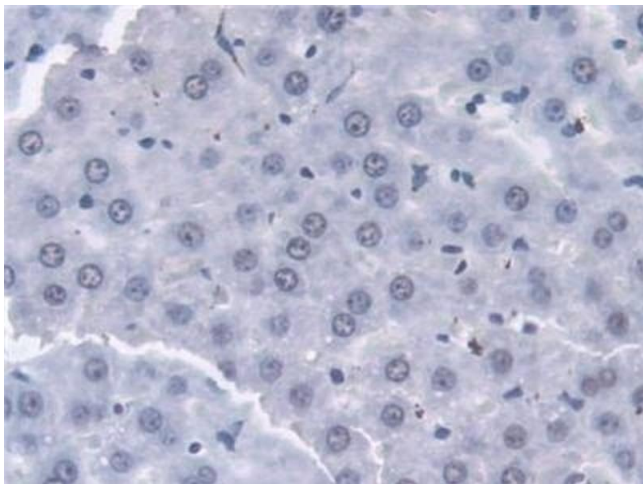
Western Blotting

Image 1. Detection of TKT in Human Hela cell lysate using Polyclonal Antibody to Transketolase (TKT)



Western Blotting

Image 2. Detection of Recombinant TKT, Rat using Polyclonal Antibody to Transketolase (TKT)



Immunohistochemistry

Image 3. Detection of TKT in Rat Liver Tissue using Polyclonal Antibody to Transketolase (TKT)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7441421.