

Datasheet for ABIN7339640

anti-TKTL1 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	50 µL
Target:	TKTL1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TKTL1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Fusion protein of Human TKTL1
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen affinity purification

Target Details

Target:	TKTL1
Alternative Name:	TKTL1 (TKTL1 Products)
Background:	Background: The protein encoded by this gene is a transketolase that acts as a homodimer and catalyzes the conversion of sedoheptulose 7-phosphate and D-glyceraldehyde 3-phosphate to D-ribose 5-phosphate and D-xylulose 5-phosphate. This reaction links the pentose phosphate pathway with the glycolytic pathway. Variations in this gene may be the cause of Wernicke-

Target Details

Korsakoff syndrome. Three transcript variants encoding different isoforms have been found for this gene.

Aliases: TK 2 antibody, TK2 antibody, TKR antibody, TKT 2 antibody, TKT2 antibody, TKTL1 antibody, TKTL1_HUMAN antibody, Transketolase 2 antibody, Transketolase like 1 antibody, Transketolase like protein 1 antibody, Transketolase related protein antibody, transketolase-like 1 antibody, Transketolase-like protein 1 antibody, Transketolase-related protein antibody, Transketolase2 antibody

UniProt: [P51854](#)

Application Details

Application Notes: ELISA:1:2000-1:10000, IHC:1:30-1:150,

Restrictions: For Research Use only

Handling

Format: Liquid

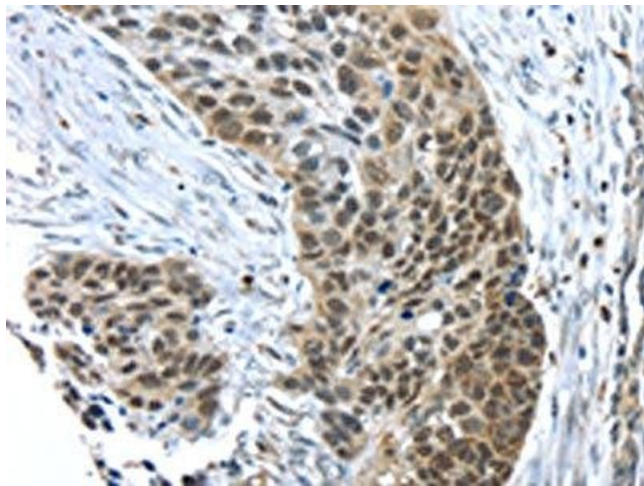
Buffer: -20 °C, pH 7.4 PBS, 0.05 % Sodium azide, 40 % Glycerol

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

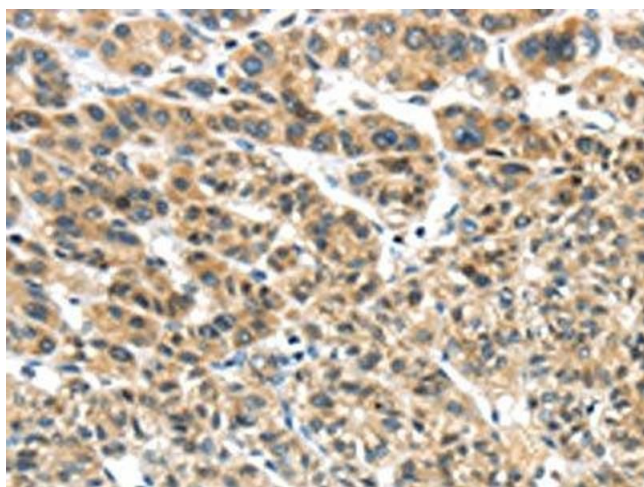
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using (TKTL1 Antibody) at dilution 1/40, on the right is treated with fusion protein. (Original magnification: x200)



Immunohistochemistry

Image 2. The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using (TKTL1 Antibody) at dilution 1/40, on the right is treated with fusion protein. (Original magnification: x200)