

TKTL1 Antibody

Catalog No: #40152

Package Size: #40152 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

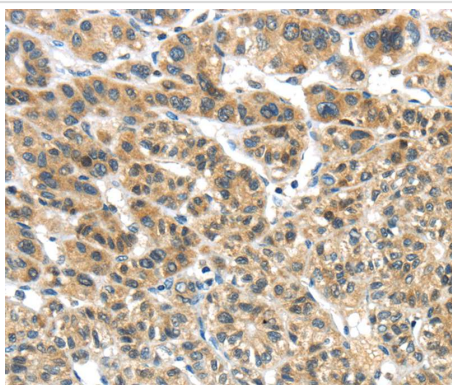
Description

Product Name	TKTL1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total TKTL1 protein.
Immunogen Type	Protein
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human transketolase-like 1
Conjugates	Unconjugated
Target Name	TKTL1
Other Names	TKR; TKT2
Accession No.	Swiss-Prot:P51854Gene Accssion:BC025382
Concentration	2.2mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

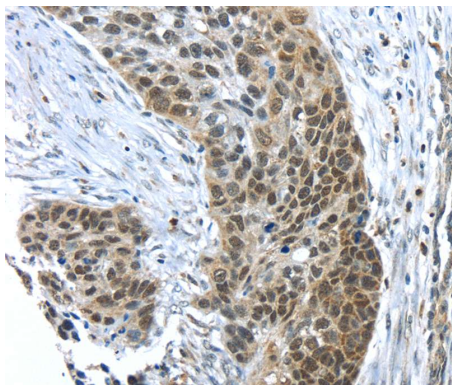
Application Details

Immunohistochemistry:1:30-1:150

Images



Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using #40152 at dilution 1/40.



Immunohistochemical analysis of paraffin-embedded Human esophagus cancer tissue using #40152 at dilution 1/40.

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

Published Papers

Mao Zhang;Yiming Yan;Guoliang Peng;Shuang Gao;Hongyi Li;Yuan Li et al., Single-Cell RNA Sequencing Reveals an Atlas of Meihua Pig Testis Cells., , (2025)

[PMID:40076035](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.