

For Research Use Only

TKTL1 Polyclonal antibody

Catalog Number: 13819-1-AP



Basic Information

Catalog Number: 13819-1-AP	GenBank Accession Number: BC025382	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 450 ug/ml by Nanodrop;	GeneID (NCBI): 8277	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: P51854	
Isotype: IgG	Full Name: transketolase-like 1	
Immunogen Catalog Number: AG4913	Calculated MW: 65 kDa	
	Observed MW: 65 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, HepG2 cells, MCF-7 cells, U-251 cells
Species Specificity: human	

Background Information

Transketolase (TKT) is an enzyme that is ubiquitously expressed in all living organisms and has been identified as an important regulator of cancer. The TKT family includes the TKT gene and two TKT-like (TKTL) genes; TKTL1 and TKTL2. The basic components ribose-5-phosphate and acetyl-CoA, which are formed by TKTL1, provide essential building blocks for the formation of new cells. TKTL1 also allows survival in the absence of oxygen (hypoxia). TKTL1 also has been shown to be involved in regulating neuronal development in the cerebral cortex.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

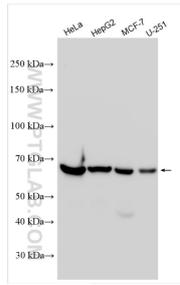
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 13819-1-AP (TKL1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.