

For Research Use Only

TKTL2 Polyclonal antibody

Catalog Number:17135-1-AP



Basic Information

Catalog Number: 17135-1-AP	GenBank Accession Number: BC028707	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 350 ug/ml by Nanodrop and 287 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 84076	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500 IF/ICC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q9H0J9	
Isotype: IgG	Full Name: transketolase-like 2	
Immunogen Catalog Number: AG10884	Calculated MW: 626 aa, 68 kDa	
	Observed MW: 68 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls: WB : Jurkat cells, mouse testis tissue
Species Specificity: human, mouse, rat	IHC : rat testis tissue, IF/ICC : HepG2 cells,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

Transketolase-like 2 (TKTL2) plays an essential role in total transketolase activity and cell proliferation in cancer cells. TKTL2 is predicted to enable thiamine pyrophosphate binding activity and transketolase activity.

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

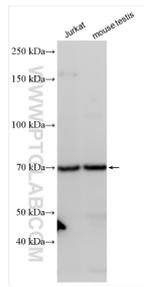
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

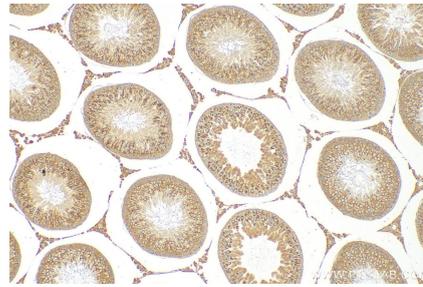
E: proteintech@ptglab.com
W: ptglab.com

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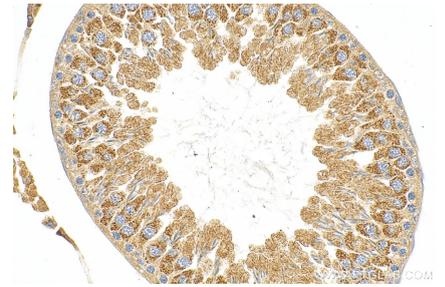
Selected Validation Data



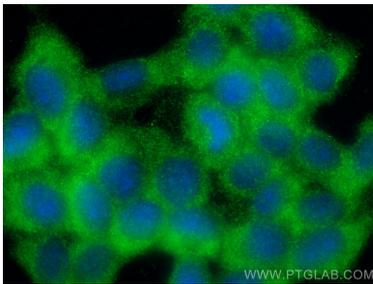
Various lysates were subjected to SDS PAGE followed by western blot with 17135-1-AP (TKTL2 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded rat testis tissue slide using 17135-1-AP (TKTL2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat testis tissue slide using 17135-1-AP (TKTL2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using TKTL2 antibody (17135-1-AP) at dilution of 1:200 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002).