

For Research Use Only

TRPT1 Polyclonal antibody

Catalog Number: 15541-1-AP **1 Publications**



Basic Information

Catalog Number: 15541-1-AP	GenBank Accession Number: BC005133	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 153 µg/ml by Nanodrop and 153 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 83707	Recommended Dilutions: IHC 1:20-1:200
Source: Rabbit	Full Name: tRNA phosphotransferase 1	
Isotype: IgG	Calculated MW: 28 kDa	
Immunogen Catalog Number: AG7897		

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : human liver cancer tissue,
Cited Applications: WB	
Species Specificity: human	
Cited Species: rat	
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

TRPT1 catalyzes the last step of tRNA splicing, the transfer of the splice junction 2'-phosphate from ligated tRNA to NAD to produce ADP-ribose 1''-2'' cyclic phosphate. It has four isoforms with MW 22-24 and 27-29 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Wenjuan Zhang	33919255	Int J Mol Sci	WB

Storage

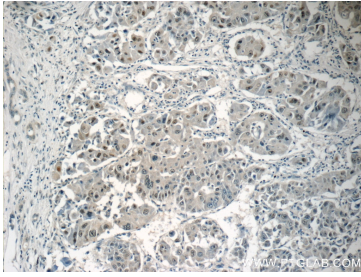
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

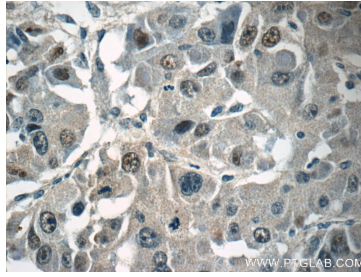
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 15541-1-AP (TRPT1 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 15541-1-AP (TRPT1 Antibody) at dilution of 1:50 (under 40x lens).