

For Research Use Only

TFPT Polyclonal antibody

Catalog Number:10097-2-AP

2 Publications



Basic Information

Catalog Number: 10097-2-AP	GenBank Accession Number: BC001728	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 800 ug/ml by Nanodrop and 420 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 29844	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: POC1Z6	
Isotype: IgG	Full Name: TCF3 (E2A) fusion partner (in childhood Leukemia)	
Immunogen Catalog Number: AG0131	Calculated MW: 29 kDa	
	Observed MW: 29 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : K-562 cells, HL-60 cells, mouse liver tissue, PC-3 cells IHC : mouse liver tissue,
Cited Applications: WB	
Species Specificity: human, mouse	
Cited Species: mouse	

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

TFPT/FB1 is one of three fusion partners of the E2A gene. TFPT/FB1 is expressed at low level in a variety of human tissues, including hemopoietic cell lines from different lineages. The function of the putative TFPT/FB1 protein, however, is currently unknown as database sequence comparisons have failed to reveal strong homology with known proteins. The E2A-TFPT/FB1 fusion appears to be a recurrent feature of pre-B ALLs, suggesting that it might have a role in the development and/or progression of leukemogenesis. The gene encoding TFPT/FB1 is localized on 19q13.4.

Notable Publications

Author	Pubmed ID	Journal	Application
Christian Schutt	32960481	EMBO J	WB
Yanying Wang	31334575	EMBO J	WB

Storage

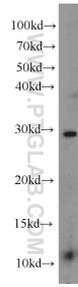
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

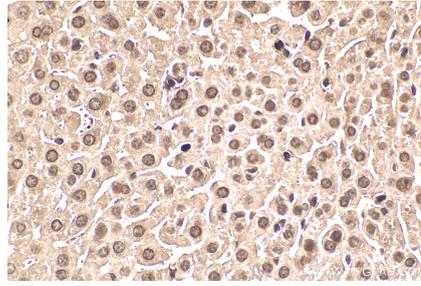
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



K-562 cells were subjected to SDS PAGE followed by western blot with 10097-2-AP (TFPT antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 10097-2-AP (TFPT antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).