

For Research Use Only

# TFPT Polyclonal antibody, PBS Only

Catalog Number:10097-2-PBS



## Basic Information

<b>Catalog Number:</b> 10097-2-PBS	<b>GenBank Accession Number:</b> BC001728	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 29844	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> POC1Z6	
<b>Isotype:</b> IgG	<b>Full Name:</b> TCF3 (E2A) fusion partner (in childhood Leukemia)	
<b>Immunogen Catalog Number:</b> AG0131	<b>Calculated MW:</b> 29 kDa	
	<b>Observed MW:</b> 29 kDa	

## Applications

**Tested Applications:**  
WB, IHC, Indirect ELISA

**Species Specificity:**  
human, mouse

## 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.

## Storage

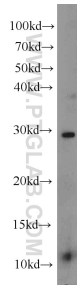
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

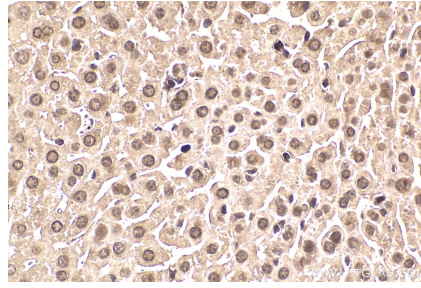
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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. This data was developed using the same antibody clone with 10097-2-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 10097-2-PBS in a different storage buffer formulation.