

For Research Use Only

# TBL1X Polyclonal antibody

Catalog Number: 13540-1-AP

Featured Product

4 Publications



## Basic Information

<b>Catalog Number:</b> 13540-1-AP	<b>GenBank Accession Number:</b> BC032708	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 500 µg/ml by Nanodrop and 300 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 6907	<b>Recommended Dilutions:</b> WB 1:500-1:2400 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> transducin (beta)-like 1X-linked	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 526 aa, 57 kDa	
<b>Immunogen Catalog Number:</b> AG4477	<b>Observed MW:</b> 57 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : mouse pancreas tissue, IHC : mouse brain tissue,
<b>Cited Applications:</b> ChIP, CoIP, IP, WB	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human, mouse	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

TBL1X is an essential subunit of the nuclear receptor corepressor (NCoR)-silencing mediator for retinoid and thyroid hormone receptors (SMRT) complex, the major TH receptor (TR) corepressor (CoR) involved in T3-regulated gene expression. TBL1X defects were recently associated with central hypothyroidism and hearing loss. (PMID: 30591955, PMID: 27603907)

## Notable Publications

Author	Pubmed ID	Journal	Application
Hongjuan Xu	35173544	Int J Biol Sci	WB,IP
Anna B Osipovich	27864380	Development	
Yufeng Xiao	37572669	Cell Chem Biol	WB

## Storage

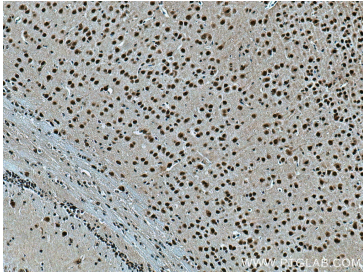
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

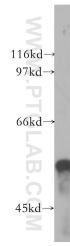
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 13540-1-AP (TBL1X antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



mouse pancreas tissue were subjected to SDS PAGE followed by western blot with 13540-1-AP (TBL1X antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.