

For Research Use Only

# TBL1X Polyclonal antibody

Catalog Number: 13540-1-AP

Featured Product

4 Publications



## Basic Information

### Catalog Number:

13540-1-AP

### Size:

150ul, Concentration: 450 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG4477

### GenBank Accession Number:

BC032708

### GeneID (NCBI):

6907

### UNIPROT ID:

O60907

### Full Name:

transducin (beta)-like 1X-Linked

### Calculated MW:

526 aa, 57 kDa

### Observed MW:

57 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2400

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB, IP, CoIP, ChIP

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse

### Positive Controls:

WB : mouse pancreas tissue,

IHC : mouse brain tissue,

**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

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](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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 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.