

# TBL1X Polyclonal antibody

Catalog Number: **13540-1-AP****Featured Product****4 Publications**

## Basic Information

**Catalog Number:**

13540-1-AP

**Size:**

450 µg/ml

**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

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

WB : mouse pancreas tissue,

IHC : mouse brain tissue,

## 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

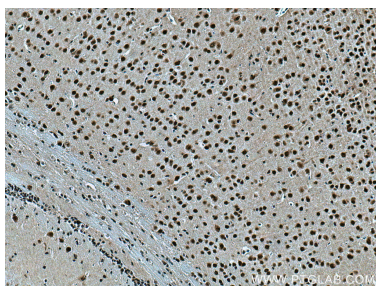
For technical support and original validation data for this product please contact:

T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)W: [ptgcn.com](http://ptgcn.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.