

For Research Use Only

# MED12L Recombinant antibody, PBS Only

Catalog Number: 83540-1-PBS



## Basic Information

<b>Catalog Number:</b> 83540-1-PBS	<b>GenBank Accession Number:</b> NM_053002	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 116931	<b>CloneNo.:</b> 240101C11
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q86YW9	
<b>Isotype:</b> IgG	<b>Full Name:</b> mediator complex subunit 12-like	
<b>Immunogen Catalog Number:</b> AG34636	<b>Calculated MW:</b> 240 kDa	

## Applications

**Tested Applications:**  
IHC, IF/ICC, FC (Intra), ELISA

**Species Specificity:**  
human, mouse

## Background Information

MED12L, also named as KIAA 1635, TNRC11L, TRALP and TRALPUSH, belongs to the Mediator complex subunit 12 family. MED12L may be a component of the Mediator complex, a coactivator involved in the regulated transcription of nearly all RNA polymerase II-dependent genes. MED12L is a mediator functions as a bridge to convey information from gene-specific regulatory proteins to the basal RNA polymerase II transcription machinery. MED12L is recruited to promoters by direct interactions with regulatory proteins and serves as a scaffold for the assembly of a functional preinitiation complex with RNA polymerase II and the general transcription factors. This antibody can recognize all the isoform of MED12L. This antibody has no cross-reaction to MED12.

## Storage

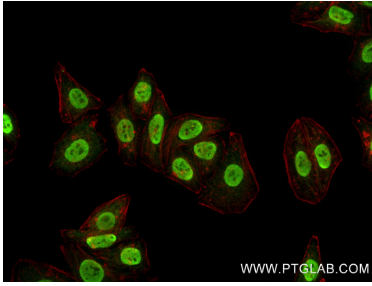
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

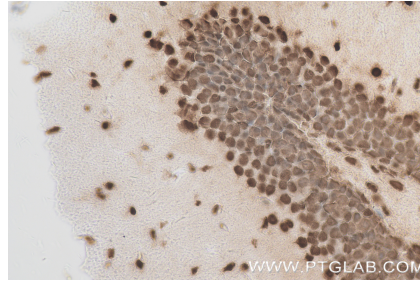
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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

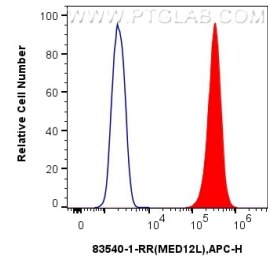
## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using MED12L antibody (83540-1-RR, Clone: 240101C11) at dilution of 1:300 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1), CL594-Phalloidin (red). This data was developed using the same antibody clone with 83540-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 83540-1-RR (MED12L antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 83540-1-PBS in a different storage buffer formulation.



$1 \times 10^6$  U2OS cells were intracellularly stained with 0.25  $\mu$ g MED12L Recombinant antibody (83540-1-RR, Clone:240101C11) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (red), or 0.25  $\mu$ g Isotype Control (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). This data was developed using the same antibody clone with 83540-1-PBS in a different storage buffer formulation.