

For Research Use Only

# MED12L Polyclonal antibody, PBS Only

Catalog Number:20047-1-PBS



## Basic Information

Catalog Number:

20047-1-PBS

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_053002

GeneID (NCBI):

116931

UNIPROT ID:

Q86YW9

Full Name:

mediator complex subunit 12-like

Calculated MW:

240 kDa

Observed MW:

260-280 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

mouse

## Background Information

MED12L, also named as KIAA1635, 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. The antibody can recognize all the isoform of MED12L. The antibody has no cross reaction to MED12.

## Storage

Storage:

Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS only, pH7.3

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

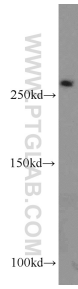
T: 4006900926

E: Proteintech-CN@ptglab.com

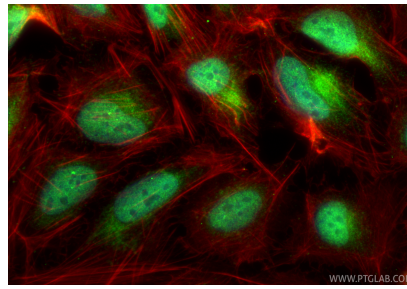
W: ptgcn.com

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## Selected Validation Data



mouse liver tissue were subjected to SDS PAGE followed by western blot with 20047-1-AP (MED12L antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 20047-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using MED12L antibody (20047-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 20047-1-PBS in a different storage buffer formulation.