

For Research Use Only

# MED12L Polyclonal antibody

Catalog Number: 31041-1-AP



## Basic Information

<b>Catalog Number:</b> 31041-1-AP	<b>GenBank Accession Number:</b> NM_053002	<b>Purification Method:</b> Antigen affinity purification
<b>Concentration:</b> 600 ug/ml	<b>GeneID (NCBI):</b> 116931	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q86YW9	<b>IF/ICC 1:400-1:1600</b>
<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	
	<b>Observed MW:</b> 260 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	<b>WB :</b> HeLa cells, HepG2 cells
	<b>IF/ICC :</b> U2OS cells,

## 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.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
**Aliquoting is unnecessary for -20°C storage**

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

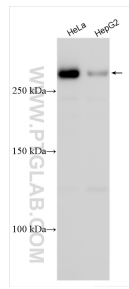
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

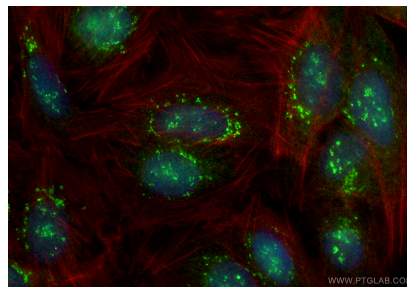
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31041-1-AP (MED12L antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using MED12L antibody (31041-1-AP) at dilution of 1:800 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).