

For Research Use Only

# RBM12 Polyclonal antibody

Catalog Number: 30990-1-AP



## Basic Information

<b>Catalog Number:</b> 30990-1-AP	<b>GenBank Accession Number:</b> BC013981	<b>Purification Method:</b> Antigen affinity Purification
<b>Size:</b> 400 ug/ml	<b>GeneID (NCBI):</b> 10137	<b>Recommended Dilutions:</b> WB 1:1000-1:8000 IHC 1:50-1:500 IF/ICC 1:200-1:800
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9NTZ6	
<b>Isotype:</b> IgG	<b>Full Name:</b> RNA binding motif protein 12	
<b>Immunogen Catalog Number:</b> AG34621	<b>Observed MW:</b> 100 kDa	

## Applications

**Tested Applications:**  
WB, IHC, IF/ICC, ELISA

**Species Specificity:**  
human

**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:** MOLT-4 cells,

**IHC:** human tonsillitis tissue,

**IF/ICC:** U2OS cells,

## Background Information

RNA binding motif protein 12 (RBM12) is a member of the RBM family. RBM proteins are involved in RNA metabolism, including splicing, transport, translation and stability. RBM12 has been identified as a key protein that increases the expression of PD-L1, thereby promoting immune evasion in hepatocellular carcinoma (PMID: 39187545).

## 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:

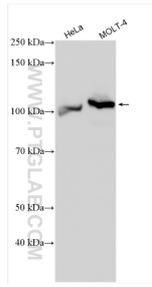
T: 4006900926

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

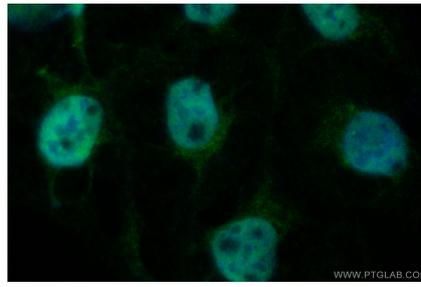
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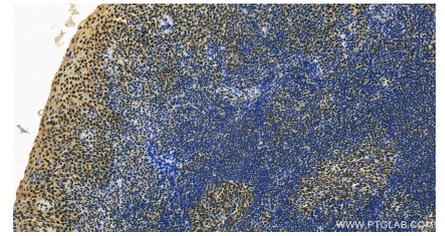
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30990-1-AP (RBM12 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using RBM12 antibody (30990-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 30990-1-AP (RBM12 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).