

RBM12 Polyclonal antibody

Catalog Number: 30990-1-AP

Basic Information

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

Applications

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| Tested Applications: WB, IHC, IF/ICC, ELISA | Positive Controls: |
| Species Specificity: human | WB : MOLT-4 cells, |
| Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 | IHC : human tonsillitis tissue, |
| | IF/ICC : U2OS cells, |

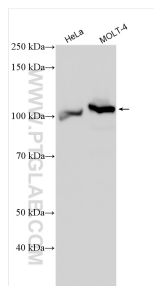
Background Information

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).

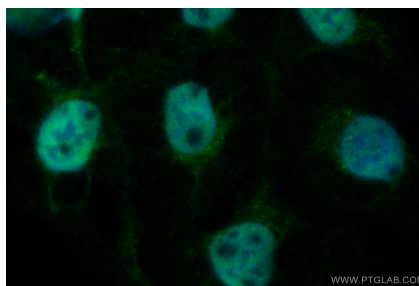
Storage

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

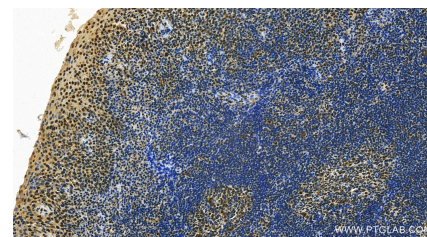
Selected Validation Data



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).