

For Research Use Only

RBM48 Polyclonal antibody

Catalog Number: 28307-1-AP



Basic Information

Catalog Number: 28307-1-AP	GenBank Accession Number: BC104865	Purification Method: Antigen affinity purification
Size: 650 ug/ml	GeneID (NCBI): 84060	Recommended Dilutions: WB 1:500-1:2000 IF/ICC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q5RL73	
Isotype: IgG	Full Name: chromosome 7 open reading frame 64	
Immunogen Catalog Number: AG27277	Observed MW: 40 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls: WB : mouse brain tissue, mouse testis tissue IF/ICC : A431 cells,
Species Specificity: human, mouse	

Background Information

RBM48 (RNA Binding Motif Protein 48) is a gene encoding an RNA-binding protein, belonging to the RNA-binding motif protein family, which plays an important role in the splicing process of U12-type introns. Deletion of RBM48 leads to an increase in the retention of U12-type introns, which affects cell differentiation and proliferation. And mutations in RBM48 are associated with a variety of diseases. For example, U12 intron splicing defects are associated with myelodysplastic syndromes (MDS) and may increase the risk of acute myeloid leukemia (AML). RBM48 may serve as a prognostic marker in certain cancers, such as renal smoky cell carcinoma, renal clear cell carcinoma, and hepatocellular carcinoma.

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:

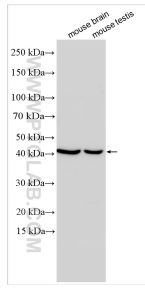
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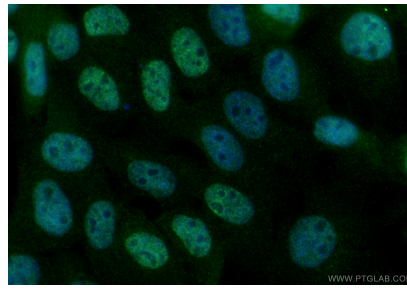
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 28307-1-AP (RBM48 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using RBM48 antibody (28307-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).