

For Research Use Only

RBM48 Polyclonal antibody, PBS Only

Catalog Number: 28307-1-PBS



Basic Information

Catalog Number: 28307-1-PBS	GenBank Accession Number: BC104865	Purification Method: Antigen affinity purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 84060	
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, Indirect ELISA

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 -80°C.

Storage Buffer:
PBS Only

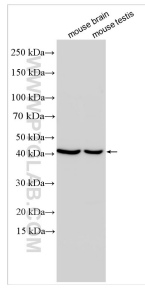
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

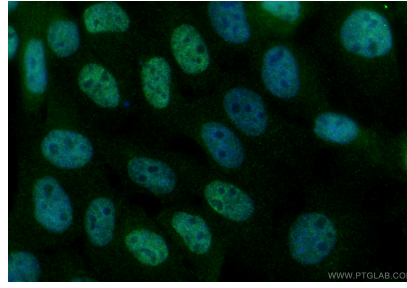
E: proteintech@ptglab.com
W: ptglab.com

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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. This data was developed using the same antibody clone with 28307-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 28307-1-PBS in a different storage buffer formulation.