

RBM20 Polyclonal antibody

Catalog Number: 31177-1-AP

Basic Information

Catalog Number: 31177-1-AP	GenBank Accession Number: NM_001134363	Purification Method: Antigen affinity Purification
Size: 450 µg/ml	GeneID (NCBI): 282996	Recommended Dilutions: IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q5T481	
Isotype: IgG	Full Name: RNA binding motif protein 20	
Immunogen Catalog Number: AG34322	Calculated MW: 134 kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : rat heart tissue, mouse heart tissue
Species Specificity: human, mouse, rat	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

RBM20 (RNA binding motif protein 20) is a striated muscle-specific splicing factor that regulates alternative splicing of many cardiac genes encoding sarcomere and calcium-regulatory proteins (PMID: 36417486). RBM20 has been identified as a crucial RNA-binding protein that controls the splicing of TTN (PMID: 30547036). RBM20 is expressed in all striated muscles but is highest in cardiac tissue (PMID: 34575212).

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:

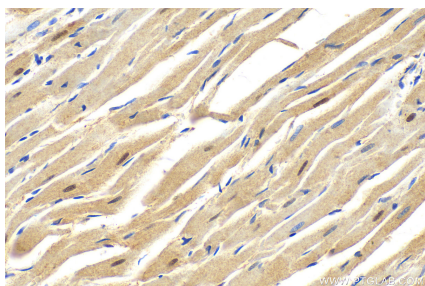
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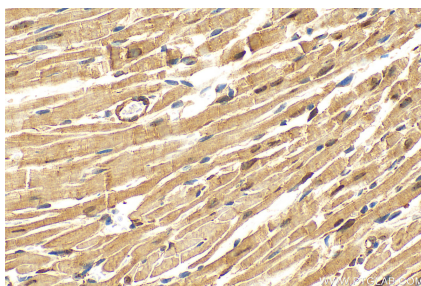
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded rat heart tissue slide using 31177-1-AP (RBM20 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 31177-1-AP (RBM20 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).