

For Research Use Only

RBM20 Polyclonal antibody

Catalog Number: 31177-1-AP



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
31177-1-AP	NM_001134363	Antigen affinity Purification
Size:	GeneID (NCBI):	Recommended Dilutions:
150ul , Concentration: 450 ug/ml by Nanodrop;	282996	IHC 1:50-1:500
Source:	UNIPROT ID:	
Rabbit	Q5T481	
Isotype:	Full Name:	
IgG	RNA binding motif protein 20	
Immunogen Catalog Number:	Calculated MW:	
AG34322	134 kDa	

Applications

Tested Applications:	Positive Controls:
IHC, ELISA	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

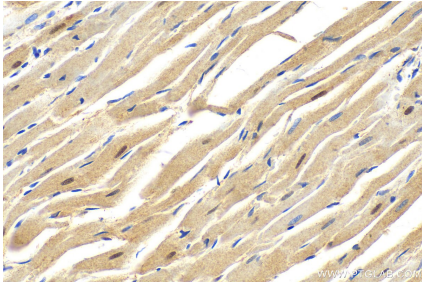
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

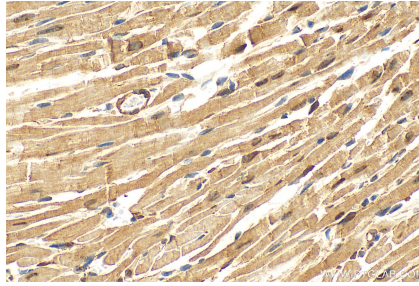
For technical support and original validation data for this product please contact:
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Selected Validation Data



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).