

Product Datasheet

RBM20 Antibody NBP1-91002

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 8/14/2021 v.20.1

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NBP1-91002**RBM20 Antibody**

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	282996
Gene Symbol	RBM20
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (88%), Rat (88%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: RRAKEDQALLSVRPLQAHLELNDFFHGVAPLHLPHICSICDKKVFIDLKDWELHVKG KLHAQKCLVFS

Product Application Details	
Applications	Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50-1:200, Immunohistochemistry-Frozen
Application Notes	Use in IHC-Fr reported in scientific literature (PMID:34201072) For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.



Images

Western Blot: RBM20 Antibody [NBP1-91002] - Analysis in human heart tissue.



Immunocytochemistry/Immunofluorescence: RBM20 Antibody [NBP1-91002] - Staining of human cell line RH-30 shows localization to nucleus & the Golgi apparatus. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: RBM20 Antibody [NBP1-91002] - Staining of human kidney shows strong cytoplasmic and membranous positivity in glomerular cells.



Publications

Gaertner A, Bloebaum J, Brodehl A et al. The Combined Human Genotype of Truncating TTN and RBM20 Mutations Is Associated with Severe and Early Onset of Dilated Cardiomyopathy Genes 2021-06-08 [PMID: 34201072] (IHC-Fr, Human)

Schneider JW, Oommen S, Qureshi MY et al. Dysregulated ribonucleoprotein granules promote cardiomyopathy in RBM20 gene-edited pigs Nat Med 2020-11-01 [PMID: 33188278]

Gaertner A, Klauke B, Felski E et al. Cardiomyopathy associated mutations in the RS domain affect nuclear localization of RBM20 Hum. Mutat. 2020-08-25 [PMID: 32840935] (IF/IHC, Human)



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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