

# Product Datasheet

## RBM47 Antibody - BSA Free NBP1-83664

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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**NBP1-83664**

RBM47 Antibody - BSA Free

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

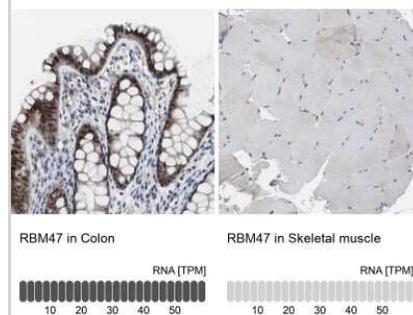
Product Description	
<b>Description</b>	Novus Biologicals Rabbit RBM47 Antibody - BSA Free (NBP1-83664) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-RBM47 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	54502
<b>Gene Symbol</b>	RBM47
<b>Species</b>	Human, Rat
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: HAMNNLNGTELEGSCLEVTLAKPVDKEQYSRYQKAARGGGAAEAAQQPSYVY SCDPYTLAYYGYPYNALIGPNRDYFVKAGSIRGRGRGAAGNRAPGPRGSYLG GYSAGRGIYSRYHEGKKGKQKEKGYELVPNLEIPTVN

Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

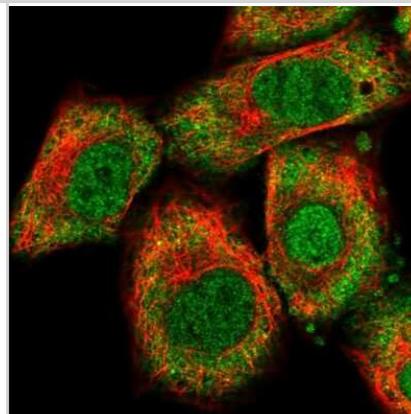


## Images

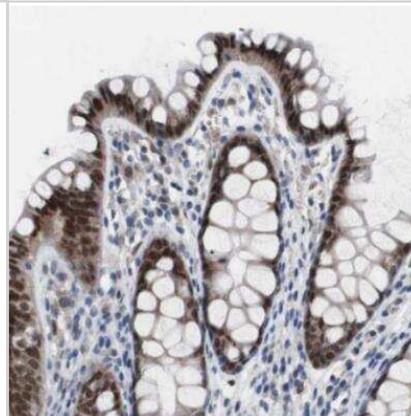
Immunohistochemistry-Paraffin: RBM47 Antibody [NBP1-83664] - Staining in human colon and skeletal muscle tissues using NBP1-83664 antibody. Corresponding RBM47 RNA-seq data are presented for the same tissues.



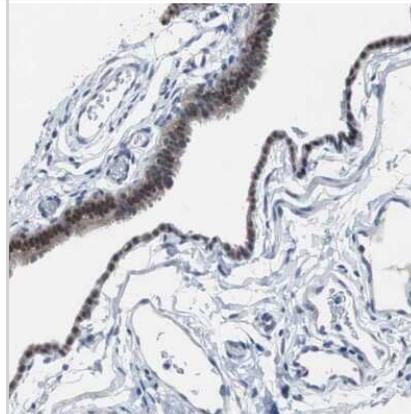
Immunocytochemistry/Immunofluorescence: RBM47 Antibody [NBP1-83664] - Staining of human cell line A549 shows localization to nucleoplasm & cytosol. Antibody staining is shown in green.



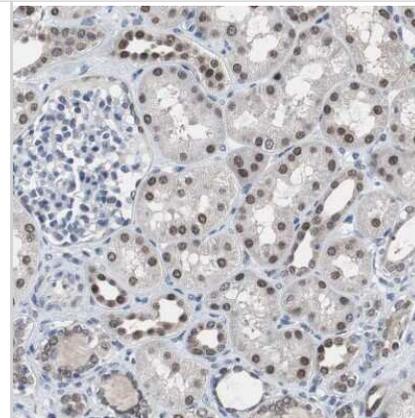
Immunohistochemistry-Paraffin: RBM47 Antibody [NBP1-83664] - Staining of human colon shows strong nuclear positivity in glandular cells.



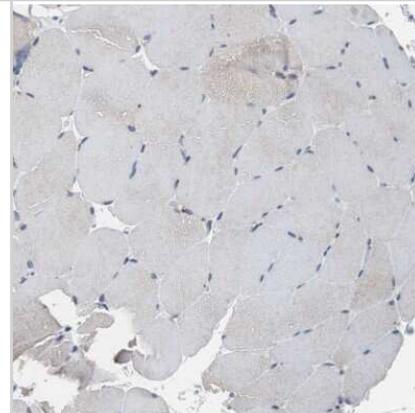
Immunohistochemistry-Paraffin: RBM47 Antibody [NBP1-83664] - Staining of human fallopian tube shows moderate nuclear positivity in glandular cells.



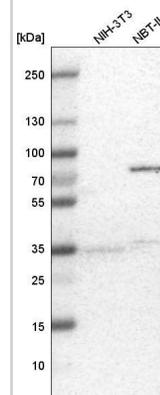
Immunohistochemistry-Paraffin: RBM47 Antibody [NBP1-83664] - Staining of human kidney shows moderate nuclear positivity in cells in tubules.



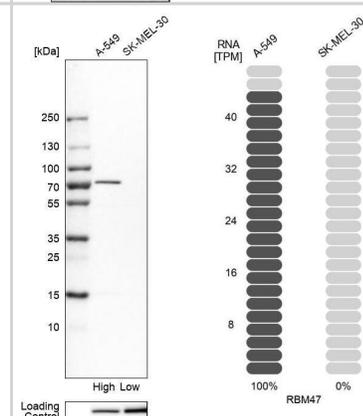
Immunohistochemistry-Paraffin: RBM47 Antibody [NBP1-83664] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



Analysis in human cell lines A-549 and SK-MEL-30 using Anti-RBM47 antibody. Corresponding RBM47 RNA-seq data are presented for the same cell lines. Loading control: Anti-PARP1.



## Publications

Vanharanta S, Marney CB, Shu W et al. Loss of the multifunctional RNA-binding protein RBM47 as a source of selectable metastatic traits in breast cancer. *eLife* 2014-06-04 [PMID: 24898756] (WB, Human)



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### **Products Related to NBP1-83664**

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NBP1-83664PEP	RBM47 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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