

# Product Datasheet

## RBM3 Antibody - BSA Free

### NBP1-81580

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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**NBP1-81580**

RBM3 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>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

**Product Description**

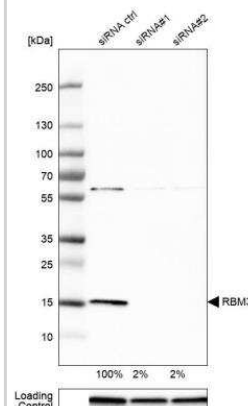
<b>Host</b>	Rabbit
<b>Gene ID</b>	5935
<b>Gene Symbol</b>	RBM3
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	Reactivity reported in scientific literature (PMID: 21898641)
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: DEQALEDHFSSFGPISEVVVVKDRETQSRSGFGFITFTNPEHASVAMRAMNGE SLDGRQIRVDHAGKSARGTRGGGFGAHGRGRSRSRGGGDQGYGSGRYYDS RPGGYGYGYGRSRDYNGRNQGGYDRYSGGNY

**Product Application Details**

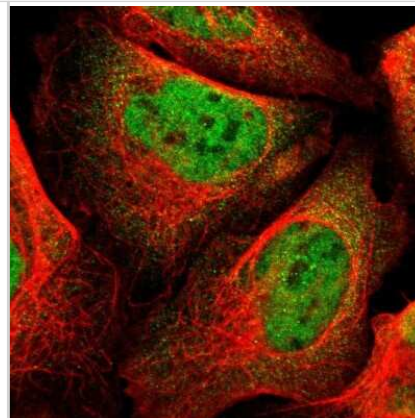
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin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

**Images**

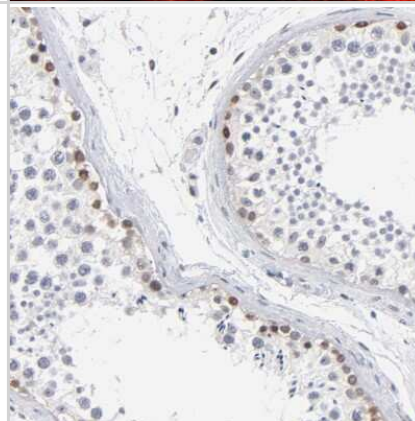
Western Blot: RBM3 Antibody [NBP1-81580] - Analysis in U-251MG cells transfected with control siRNA, target specific siRNA probe #1 and #2. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



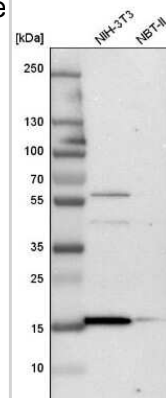
Immunocytochemistry/Immunofluorescence: RBM3 Antibody [NBP1-81580] - Staining of human cell line U-2 OS shows localization to nucleoplasm. Antibody staining is shown in green.



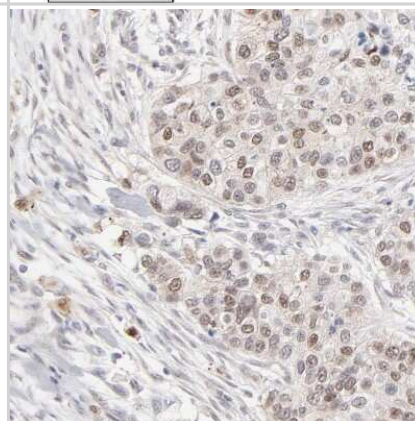
Immunohistochemistry-Paraffin: RBM3 Antibody [NBP1-81580] - Staining of human testis shows moderate nuclear positivity in cells in seminiferous ducts.



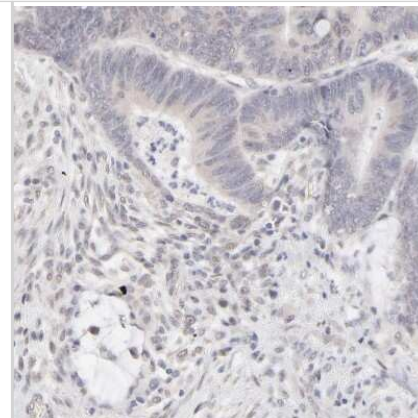
Western Blot: RBM3 Antibody [NBP1-81580] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



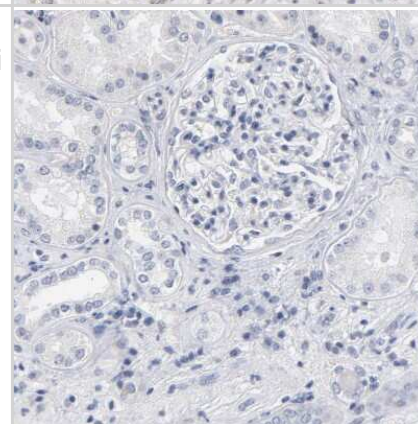
Immunohistochemistry-Paraffin: RBM3 Antibody [NBP1-81580] - Staining of human breast cancer shows moderate nuclear positivity in tumor cells.



Immunohistochemistry-Paraffin: RBM3 Antibody [NBP1-81580] - Staining of human colorectal cancer shows weak nuclear positivity in tumor cells.



Immunohistochemistry-Paraffin: RBM3 Antibody [NBP1-81580] - Staining of human kidney shows no nuclear positivity in cells in glomeruli as expected.



## Publications

Hjelm B, Forsstrom B, Igel U et al. Generation of monospecific antibodies based on affinity capture of polyclonal antibodies. Protein Sci 2011-11-01 [PMID: 21898641]

Hjelm B, Brennan DJ, Zendeirokh N et al. High nuclear RBM3 expression is associated with an improved prognosis in colorectal cancer. Proteomics Clin Appl 2011-12-01 [PMID: 21956899]

Jogi A, Brennan DJ, Ryden L et al. Nuclear expression of the RNA-binding protein RBM3 is associated with an improved clinical outcome in breast cancer. Mod Pathol 2009-12-01 [PMID: 19734850]



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### **Products Related to NBP1-81580**

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NBP1-81580PEP	RBM3 Recombinant Protein Antigen
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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