

# Product Datasheet

## RIN2 Antibody - BSA Free NBP1-80854

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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### Publications: 4

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Updated 12/2/2025 v.20.1

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**NBP1-80854**

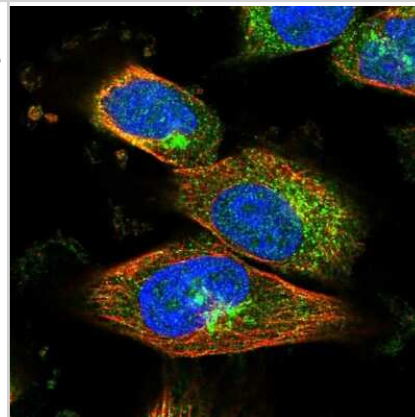
RIN2 Antibody - BSA Free

<b>Product Information</b>	
<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
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Knockout (KO) Validated Rabbit RIN2 Antibody - BSA Free (NBP1-80854) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-RIN2 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	54453
<b>Gene Symbol</b>	RIN2
<b>Species</b>	Human
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (81%), Rat (83%).
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: GEMTAWTMGARGLDKRGSSFFKLIDIASEIGELKQEMVRTDVLNLENGLEPAET HSMVRHKDGGYSEEEDVKTCAR
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	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
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

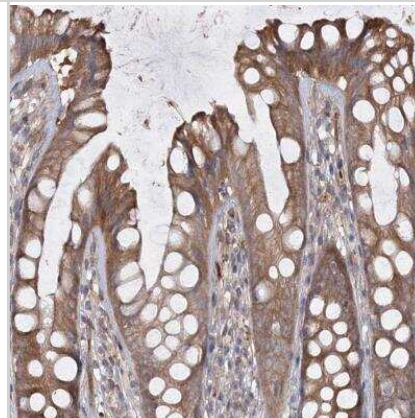


## Images

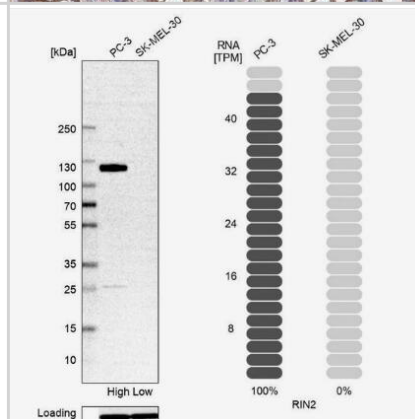
Immunocytochemistry/Immunofluorescence: RIN2 Antibody [NBP1-80854] - Immunofluorescent staining of human cell line U-251 MG shows localization to cytosol & the Golgi apparatus.



Immunohistochemistry: RIN2 Antibody [NBP1-80854] - Staining of human rectum shows moderate cytoplasmic positivity in glandular cells.



Western Blot: RIN2 Antibody [NBP1-80854] - Analysis in human cell line PC-3 and human cell line SK-MEL-30.



## Publications

Zhan Ma, Fengyu Z, Aiping L et al. Somatic-to-primordial Germ Cell-Like Transformation is Critical in Tumour Initiation of Mouse Breast Tumour 4T1 Cells Preprint 2022-11-04 [PMID: 37168326] (KO, WB, Mouse)

Valentijn F, Knoppert S, Marquez-Exposito L et al. CCN2 aggravates acute DNA damage and the subsequent DDR-Senescence-Fibrosis sequence following renal ischemia-reperfusion injury *Kidney International* 2022-01-01 [PMID: 35921911] (IHC-P, WB, Mouse, Human)

Details:

Dilution used 1:1000

Stadler C, Rexhepaj E, Singan VR et al. Immunofluorescence and fluorescent-protein tagging show high correlation for protein localization in mammalian cells. *Nat Methods* 2013-04-01 [PMID: 23435261]

Sandri C, Caccavari F, Valdembri D et al. The R-Ras/RIN2/Rab5 complex controls endothelial cell adhesion and morphogenesis via active integrin endocytosis and Rac signaling. *Cell Res* 2012-10-01 [PMID: 22825554]



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### **Products Related to NBP1-80854**

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NBP1-80854PEP	RIN2 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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