

# Product Datasheet

## RanBP3 Antibody NB100-74647

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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**NB100-74647****RanBP3 Antibody**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	0.2 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	TBS and 0.1% BSA

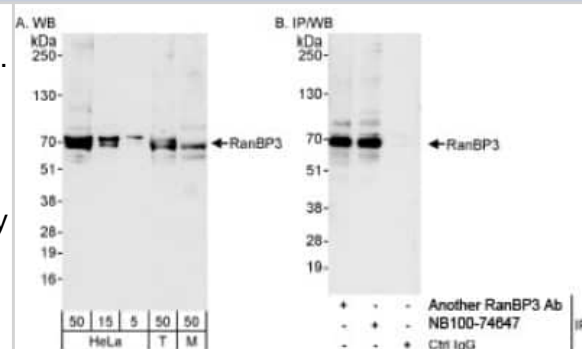
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit RanBP3 Antibody (NB100-74647) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and IP. Anti-RanBP3 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	8498
<b>Gene Symbol</b>	RANBP3
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Orangutan (100%).
<b>Immunogen</b>	The immunogen recognized by this antibody maps to a region between residue 150 and 200 of human RAN binding protein 3 using the numbering given in entry NP_015561.1 (GeneID 8498).

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:2000-1:10000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:50 - 1:250, Immunoprecipitation 2-5 ug/mg lysate, Immunohistochemistry-Paraffin 1:10-1:500
<b>Application Notes</b>	Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

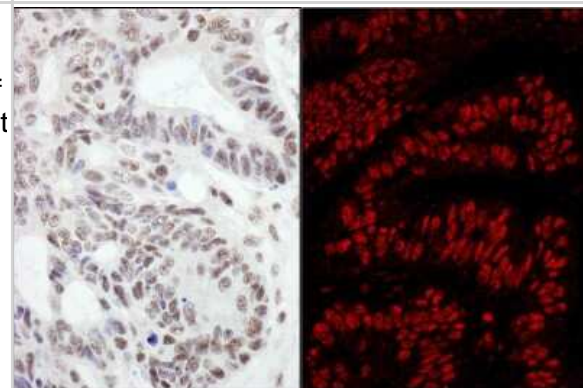


## Images

**Western Blot: RanBP3 Antibody [NB100-74647] - Detection of Human and Mouse RanBP3 by Western Blot (h&m) and Immunoprecipitation (h).** Samples: Whole cell lysate from HeLa (5, 15 and 50 mcg for WB; 1 mg for IP, 20% of IP loaded), 293T (T; 50 mcg) and mouse NIH3T3 (M; 50 mcg) cells. Antibodies: Affinity purified rabbit anti-RanBP3 antibody NB100-74647 used for WB at 0.04 mcg/ml (A) and 1 mcg/ml (B) and used for IP at 3 mcg/mg lysate. RanBP3 was also immunoprecipitated by another rabbit anti-RanBP3 antibody, which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 10 seconds (A) and 3 seconds (B).



**Immunohistochemistry: RanBP3 Antibody [NB100-74647] - Sample:** FFPE sections of human ovarian carcinoma (left) and colon carcinoma (right). Antibody: Affinity purified rabbit anti- RanBP3 used at a dilution of 1:200 (1ug/ml) and 1:80 (2.5 ug/ml). Detection: DAB and Red-fluorescent Goat anti-Rabbit IgG-heavy a



## Publications

Ogawa Y, Imamoto N Methods to separate nuclear soluble fractions reflecting localizations in living cells iScience 2021-11-01 [PMID: 34934922] (ICC/IF, WB, Human)

Fang W, Deng Z, Benadjaoud F et al. Cathepsin B deficiency ameliorates liver lipid deposition, inflammatory cell infiltration, and fibrosis after diet-induced nonalcoholic steatohepatitis Transl Res 2020-05-11 [PMID: 32434697] (WB, Mouse)

Oka M, Asally M, Yasuda Y et al. The mobile FG nucleoporin Nup98 is a cofactor for Crm1-dependent protein export. Mol Biol Cell 2010-06-01 [PMID: 20375145] (WB, Mouse)



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### **Products Related to NB100-74647**

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-51726-0.1mg	Recombinant Human RanBP3 His Protein

### **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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