

# Product Datasheet

## Retinol Binding Protein RBP Antibody NB100-1494

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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### Publications: 1

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**NB100-1494****Retinol Binding Protein RBP Antibody**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at -20C. 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>	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
<b>Target Molecular Weight</b>	16 kDa

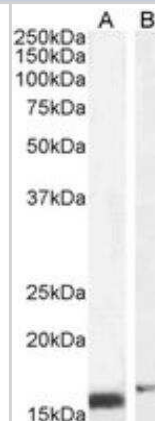
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Goat Retinol Binding Protein RBP Antibody (NB100-1494) is a polyclonal antibody validated for use in WB, ELISA, Flow and ICC/IF. Anti-Retinol Binding Protein RBP Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Goat
<b>Gene ID</b>	5947
<b>Gene Symbol</b>	RBP1
<b>Species</b>	Human, Mouse
<b>Immunogen</b>	Peptide with sequence VEGVVCKQVFKKVQ corresponding to C-Terminus according to NP_002890.1.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Peptide ELISA
<b>Recommended Dilutions</b>	Western Blot 0.5 - 3 ug/mL, Flow Cytometry 10 ug/mL, Immunocytochemistry/ Immunofluorescence 10 ug/mL, Peptide ELISA Detection limit 1:4000
<b>Application Notes</b>	IHC-P has been reported for previous lots.

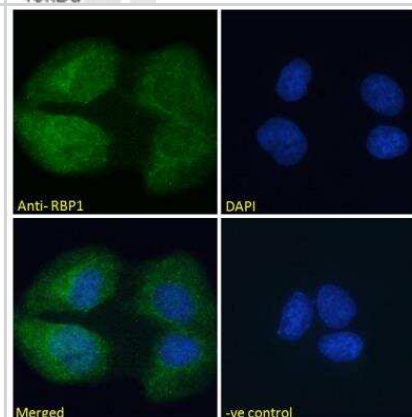


## Images

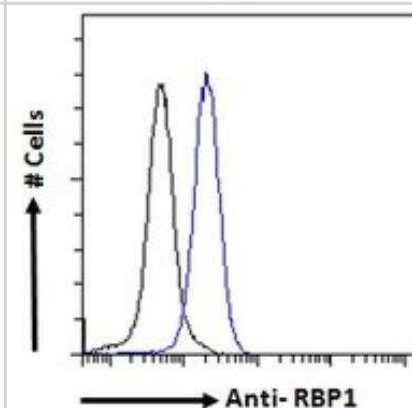
**Western Blot: Retinol Binding Protein RBP Antibody [NB100-1494]** - Staining of NIH3T3 embryonic mouse cell lysate with antibody at 2 ug/mL (A) and U251 cell lysate with antibody at 0.5 ug/mL (B). 35 ug protein each in RIPA buffer.



**Immunocytochemistry/Immunofluorescence: Retinol Binding Protein RBP Antibody [NB100-1494]** - Analysis of paraformaldehyde fixed U-2 OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL), showing cytoplasmic and nuclear staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL).



**Flow Cytometry: Retinol Binding Protein RBP Antibody [NB100-1494]** - Analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation overnight (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (1 ug/mL). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



## Publications

Farias EF, Ong DE, Ghyselinck NB et al. Cellular retinol-binding protein I, a regulator of breast epithelial retinoic acid receptor activity, cell differentiation, and tumorigenicity. J Natl Cancer Inst 2005-01-05 [PMID: 15632377]



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### **Products Related to NB100-1494**

NBL1-15226	Retinol Binding Protein RBP Overexpression Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

### **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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