

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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NB100-1494

Retinol Binding Protein RBP Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
Target Molecular Weight	16 kDa

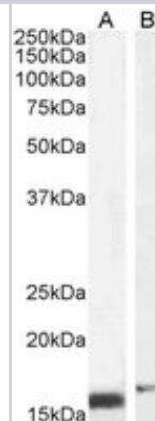
Product Description	
Host	Goat
Gene ID	5947
Gene Symbol	RBP1
Species	Human, Mouse
Immunogen	Peptide with sequence VEGVVCKQVFKKVQ corresponding to C-Terminus according to NP_002890.1.

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

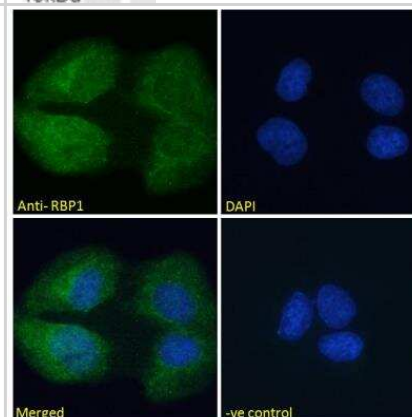


Images

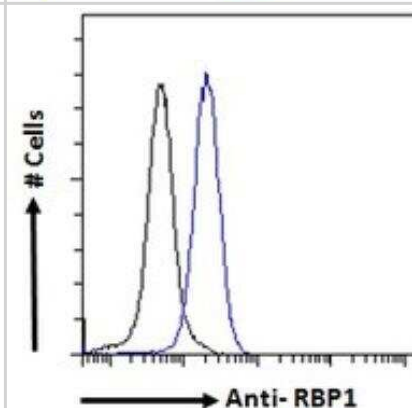
Western Blot: Retinol Binding Protein RBP Antibody [NB100-1494] - Staining of NIH3T3 embryonic mouse cell lysate with antibody at 2 ug/mL (A) and U251 cell lysate with antibody at 0.5 ug/mL (B). 35 ug protein each in RIPA buffer.



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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