

# Product Datasheet

## RAR alpha/NR1B1 Antibody (763) - Azide Free NB200-322

Unit Size: 0.1 ml

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

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[technical@novusbio.com](mailto:technical@novusbio.com)

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**NB200-322**

RAR alpha/NR1B1 Antibody (763) - Azide Free

Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	763
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein G purified
<b>Buffer</b>	10mM HEPES (pH 7.5), 0.15M NaCl, 0.1 mg/ml BSA and 50% Glycerol
<b>Target Molecular Weight</b>	48 kDa

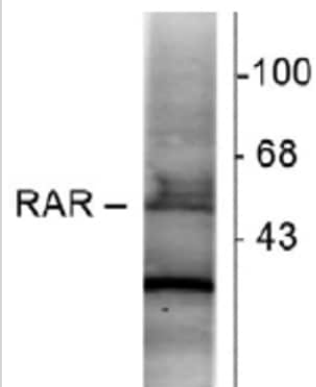
Product Description	
<b>Description</b>	Novus Biologicals Mouse RAR alpha/NR1B1 Antibody (763) - Azide Free (NB200-322) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. Anti-RAR alpha/NR1B1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	5914
<b>Gene Symbol</b>	RARA
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	Tested in Human. Mouse reactivity reported in scientific literature (PMID: 24504337) Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information. It is anticipated that the antibody will also work with bovine, canine, and guinea pig tissues based on the fact that these species have 100% homology with the amino acid sequence used as antigen.
<b>Specificity/Sensitivity</b>	Specific for endogenous levels of the ~48 kDa RAR-alpha isotype.
<b>Immunogen</b>	Synthetic peptide corresponding to amino acid residues from the N-terminal region conjugated to KLH. Accession # P10276

Product Application Details	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
<b>Recommended Dilutions</b>	Western Blot 1:1000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen
<b>Application Notes</b>	Western blot where a ~48 kDa band can be seen using rat brain hippocampal homogenate. (Tested in TBST (20 mM Tris/HCl (7.6), 137 mM NaCl, 1% Tween-20) containing 5% nonfat milk and 0.05% NaN <sub>3</sub> .) Use in Immunohistochemistry-Frozen reported in scientific literature (PMID 24504337). Use in Immunocytochemistry/immunofluorescence reported in scientific literature (PMID:24504337).



## Images

Western Blot: Retinoic Acid Receptor alpha Antibody (763) [NB200-322]  
- Analysis of hippocampal lysate showing specific immunolabeling of the ~48k RAR-a protein.



## Publications

Choi J, Park S, Sockanathan S Activated retinoid receptors are required for the migration and fate maintenance of subsets of cortical neurons. *Development*. 2014-02-06 [PMID: 24504337] (ICC/IF, Mouse)



### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NB200-322**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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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