

# 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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**NB200-322**

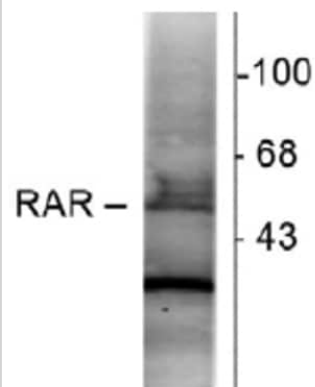
RAR alpha/NR1B1 Antibody (763) - Azide Free

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	763
Preservative	No Preservative
Isotype	IgG1
Purity	Protein G purified
Buffer	10mM HEPES (pH 7.5), 0.15M NaCl, 0.1 mg/ml BSA and 50% Glycerol
Target Molecular Weight	48 kDa
Product Description	
Description	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.
Host	Mouse
Gene ID	5914
Gene Symbol	RARA
Species	Human, Mouse, Rat
Reactivity Notes	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.
Specificity/Sensitivity	Specific for endogenous levels of the ~48 kDa RAR-alpha isotype.
Immunogen	Synthetic peptide corresponding to amino acid residues from the N-terminal region conjugated to KLH. Accession # P10276
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen
Application Notes	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)



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

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBC1-22578	Recombinant Human RAR alpha/NR1B1 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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