

# Product Datasheet

## TR alpha/NR1A1/Thyroid Hormone Receptor alpha Antibody (1718) - Azide Free NB200-318

Unit Size: 0.1 ml

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

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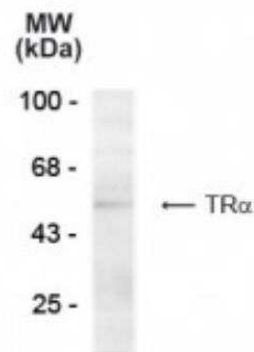
**NB200-318**

TR alpha/NR1A1/Thyroid Hormone Receptor alpha Antibody (1718) - Azide Free

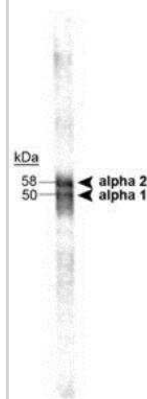
<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	1718
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2a
<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>	50 kDa
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse TR alpha/NR1A1/Thyroid Hormone Receptor alpha Antibody (1718) - Azide Free (NB200-318) is a monoclonal antibody validated for use in WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	7067
<b>Gene Symbol</b>	THRA
<b>Species</b>	Human, Rat
<b>Reactivity Notes</b>	It is anticipated that the antibody will react with canine, mouse and non-human primates 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 ~50 kDa TR-alpha1 and the ~58 kDa TR-alpha2 proteins.
<b>Immunogen</b>	Synthetic peptide corresponding to amino acid residues from the N-terminal region conjugated to KLH. Accession # P10827
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot
<b>Recommended Dilutions</b>	Western Blot 1:1000
<b>Application Notes</b>	The investigator should determine the optimal working dilution for a specific application.

**Images**

Western Blot: TR alpha/NR1A1/Thyroid Hormone Receptor alpha Antibody (1718) [NB200-318] - Western blot analysis of Thyroid Hormone Receptor alpha in brain lysate using NB200-318 at 1:1000.



Western Blot: TR alpha/NR1A1/Thyroid Hormone Receptor alpha Antibody (1718) [NB200-318] - Detection of human TH Receptor alpha 1 and alpha 2 using NB 200-318.



Western Blot: TR alpha/NR1A1/Thyroid Hormone Receptor alpha Antibody (1718) [NB200-318] - Western blot of rat hippocampal lysate showing specific immunolabeling of the ~50k TR-alpha-1 and the ~58k TR-alpha-2 protein.





### **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 NB200-318**

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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]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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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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