

# Product Datasheet

## Melanocortin-3 R/MC3R Antibody NB100-1501

Unit Size: 0.1 mg

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

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**NB100-1501****Melanocortin-3 R/MC3R 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>Product Description</b>	
<b>Description</b>	Novus Biologicals Goat Melanocortin-3 R/MC3R Antibody (NB100-1501) is a polyclonal antibody validated for use in WB and ELISA. Anti-Melanocortin-3 R/MC3R Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Goat
<b>Gene ID</b>	4159
<b>Gene Symbol</b>	MC3R
<b>Species</b>	Human
<b>Immunogen</b>	Peptide with sequence SIQKTYLEGDFV-C corresponding to N-Terminus according to NP_063941.2.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Peptide ELISA
<b>Recommended Dilutions</b>	Western Blot 1 - 3 ug/ml, Peptide ELISA Detection limit 1:16000
<b>Application Notes</b>	WB: Approx. 40 kDa band observed in human brain lysates (calculated MW of 40.1 kDa band according to NP_063941.2).

**Images**

Western Blot: Melanocortin-3 R/MC3R Antibody [NB100-1501] - (1ug/ml) staining of Human Brain lysate (35ug protein in RIPA buffer). Detected by chemiluminescence.

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa  
10kDa

**Publications**

Muhlhauser B, Adam C, Marrocco E et al. Impact of glucose infusion on the structural and functional characteristics of adipose tissue and on hypothalamic gene expression for appetite regulatory neuropeptides in the sheep fetus during late gestation. J Physiol. 2005-05-15 [PMID: 15661821]



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### **Products Related to NB100-1501**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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

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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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