

# Product Datasheet

## beta-3 Adrenergic R/ADRB3 Antibody NB100-93369

Unit Size: 0.1 mg

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

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**NB100-93369**

beta-3 Adrenergic R/ADRB3 Antibody

**Product Information**

<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

**Product Description**

<b>Host</b>	Goat
<b>Gene ID</b>	155
<b>Gene Symbol</b>	ADRB3
<b>Species</b>	Human
<b>Immunogen</b>	Peptide with sequence PHENSSLAPWPD-C corresponding to N-Terminus according to NP_000016.1.

**Product Application Details**

<b>Applications</b>	Western Blot, Peptide ELISA
<b>Recommended Dilutions</b>	Western Blot 0.03 - 0.1 ug/ml, Peptide ELISA Detection limit 1:128000
<b>Application Notes</b>	WB: Approx. 45 kDa band observed in human brain (cerebellum, cerebral cortex, frontal cortex) lysates (calculated MW of 43.5 kDa band according to NP_000016.1).

**Images**

Western Blot: beta-3 Adrenergic R/ADRB3 Antibody [NB100-93369] - (0.03ug/ml) staining of Human Brain (Cerebellum) 35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

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

**Publications**

Pierola J, Barcelo A, de la Pena M et al. THE Trp64Arg polymorphism of the beta (3) adrenergic receptor is associated with increased body mass index in patients with sleep apnoea. Eur Respir J 2007-07-11 [PMID: 17626108]





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### **Products Related to NB100-93369**

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
NBP2-68782PEP	beta-3 Adrenergic R/ADRB3 Recombinant Protein Antigen

### **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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