# **Product Datasheet**

# Melanocortin-2 R/MC2R Antibody NB100-93419

Unit Size: 0.1 mg

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

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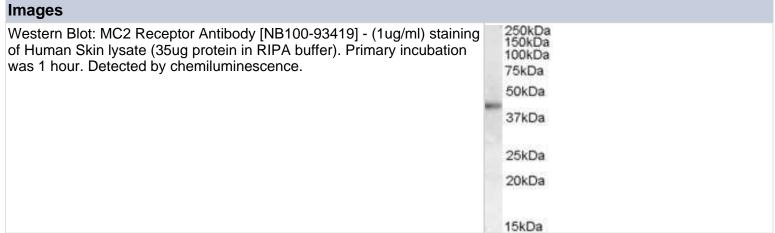
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# NB100-93419

Melanocortin-2 R/MC2R Antibody

Melanocortin-2 R/MC2R Antibody	
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
<b>Product Description</b>	
Host	Goat
Gene ID	4158
Gene Symbol	MC2R
Species	Human, Fish
Reactivity Notes	Fish reactivity reported in scientific literature (PMID: 28837788).
Immunogen	Peptide with sequence ENINNTARNNSDC corresponding to N-Terminus according to NP_000520.1.
<b>Product Application Details</b>	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 1 - 3 ug/ml, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA Detection limit 1:32000
Application Notes	WB: Approx. 40 kDa band observed in human skin lysates is reported in scientific literature (PMID: 16497811). Use in Immunohistochemistry-paraffin reported in scientific literature (PMID: 28837788).
Images	
Western Blot: MC2 Receptor Antibody [NB100-93419] - (1ug/ml) staining of Human Skin lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.	





#### **Publications**

Kiilerich P, Servili A, Peron S et al. Regulation of the corticosteroid signalling system in rainbow trout HPI axis during confinement stress Gen. Comp. Endocrinol. 2017-08-21 [PMID: 28837788] (IHC-P, Fish)

Kilianova Z, Basora N, Kilian P et al. Human melanocortin receptor 2 expression and functionality: effects of protein kinase A and protein kinase C on desensitization and internalization. Endocrinology 2006-05-01 [PMID: 16497811]





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## **Products Related to NB100-93419**

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

H00004158-P01-2ug Recombinant Human Melanocortin-2 R/MC2R GST (N-Term) 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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