

Product Datasheet

Melanocortin-5 R/MC5R Antibody

NBP1-36971

Unit Size: 0.1 mg

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

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NBP1-36971**Melanocortin-5 R/MC5R 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
Product Description	
Host	Goat
Gene ID	4161
Gene Symbol	MC5R
Species	Human, Mouse
Immunogen	Peptide with sequence PNVKNKSSPCED corresponding to N-Terminus (near) according to NP_005904.1.
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 0.3-1 ug/ml, Immunohistochemistry, Immunohistochemistry-Paraffin 2.5 ug/ml, Peptide ELISA Detection limit 1:8000
Application Notes	WB: Approx. 37 kDa band observed in human and mouse skeletal muscle lysates (calculated MW of 36.6 kDa band according to NP_005904.1). An additional band of unknown identity was also consistently observed at 30 kDa. This band was successfully blocked by incubation with the immunizing peptide.

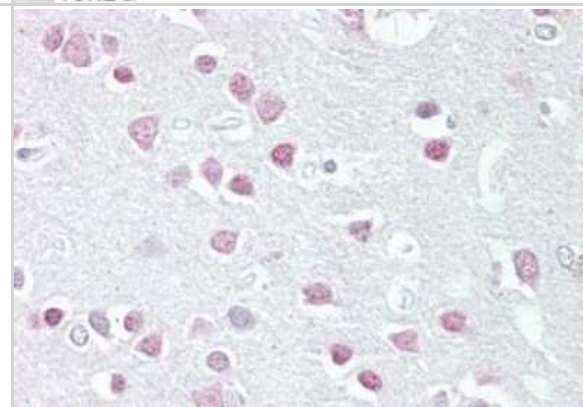


Images

Western Blot: Melanocortin-5 R/MC5R Antibody [NBP1-36971] - Analysis of MC5 Receptor in Mouse Muscle lysate (35ug protein in RIPA buffer) using NBP1-36971 at 0.3 ug/ml. Primary incubation was 1 hour. Detected by chemiluminescence.

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

Immunohistochemistry-Paraffin: Melanocortin-5 R/MC5R Antibody [NBP1-36971] - (2.5ug/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Grieco P, Cai M, Han G et al. Further structure-activity studies of lactam derivatives of MT-II and SHU-9119: their activity and selectivity at human melanocortin receptors 3, 4, and 5. Peptides 2007-06-01 [PMID: 17482720]



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Products Related to NBP1-36971

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
NBP3-17890PEP	Melanocortin-5 R/MC5R 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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