

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 | |
|----------------------------|--|
| Description | Novus Biologicals Goat Melanocortin-5 R/MC5R Antibody (NBP1-36971) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-Melanocortin-5 R/MC5R Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| 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-Paraffin, Immunohistochemistry, 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. |

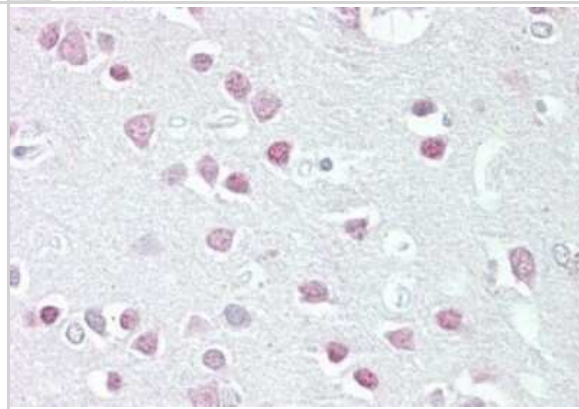


Images

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

| | |
|-----------------|--|
| 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 |

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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