

Product Datasheet

Melatonin R1A/MT1/MTNR1A Antibody NBP1-28912

Unit Size: 0.1 mg

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

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NBP1-28912**Melatonin R1A/MT1/MTNR1A 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

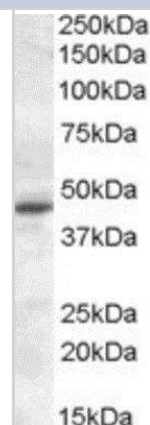
Description	Novus Biologicals Goat Melatonin R1A/MT1/MTNR1A Antibody (NBP1-28912) is a polyclonal antibody validated for use in WB and ELISA. Anti-Melatonin R1A/MT1/MTNR1A Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	4543
Gene Symbol	MTNR1A
Species	Rat
Immunogen	Peptide with sequence C-SLK YDKLYSSKNS corresponding to internal region according to NP_005949.1.

Product Application Details

Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.3 - 1 ug/ml, Peptide ELISA Detection limit 1:6000
Application Notes	WB: Approx. 45 kDa band observed in KELLY lysate (calculated MW of 39.4 kDa band according to NP_005949.1).

Images

Western Blot: Melatonin R1A/MT1/MTNR1A Antibody [NBP1-28912] - Staining of Rat Retina lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Publications

Shearn, CT;Anderson, AL;Devereaux, MW;El Kasmi, KC;Orlicky, DJ;Sokol, RJ; Expression of circadian regulatory genes is dysregulated by increased cytokine production in mice subjected to concomitant intestinal injury and parenteral nutrition PloS one 2023-08-30 [PMID: 37647292]

Rawashdeh O, de Borsetti NH, Roman G, Cahill GM. Melatonin suppresses nighttime memory formation in zebrafish. Science 2007-11-01 [PMID: 18006748]

Ah Song J, Yong Choi J, Na Kim N. Effect of LED light spectra on exogenous prolactin-regulated circadian rhythm in goldfish, *Carassius auratus*. Biological Rhythm Research. 2014-10-01

Kim NN, Choi YU, Park HS, Choi CY. Kisspeptin regulates the somatic growth-related factors of the cinnamon clownfish *Amphiprion melanopus*. Comp Biochem Physiol A Mol Integr Physiol. 2014-09-15 [PMID: 25220187]

Esposito T, Magliocca S, Formicola D, Gianfrancesco F. piR_015520 Belongs to Piwi-Associated RNAs Regulates Expression of the Human Melatonin Receptor 1A Gene. PLoS ONE. 2011-01-01 [PMID: 21818375]



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Products Related to NBP1-28912

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
H00004543-Q01-10ug	Recombinant Human Melatonin R1A/MT1/MTNR1A 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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