

Product Datasheet

mu Opioid R/OPRM1 Antibody

NB100-1618

Unit Size: 0.05 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NB100-1618

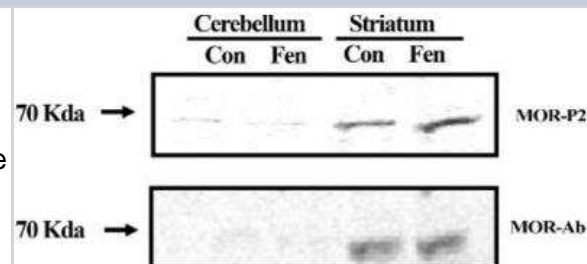
mu Opioid R/OPRM1 Antibody

Product Information	
Unit Size	0.05 ml
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS containing 50% glycerol
Product Description	
Host	Guinea Pig
Gene ID	4988
Gene Symbol	OPRM1
Species	Human, Mouse, Rat, Primate
Reactivity Notes	Use in Mouse reported in scientific literature (PMID:33766518). Mouse (88%). Reactivity reported in scientific literature (PMID: 23354438)
Specificity/Sensitivity	Mu Opioid Receptor splice variant
Immunogen	Synthetic peptide: NHQLENLEAETAPLP, corresponding to C terminal amino acids 384-398 of Rat Mu Opioid Receptor splice variant.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry Free-Floating
Recommended Dilutions	Western Blot 1:100-1:2000, Immunohistochemistry 1:50-500, Immunocytochemistry/Immunofluorescence 1:50-500, Immunohistochemistry Free-Floating
Application Notes	Use in IHC-FrFI reported in scientific literature (PMID:33766518).

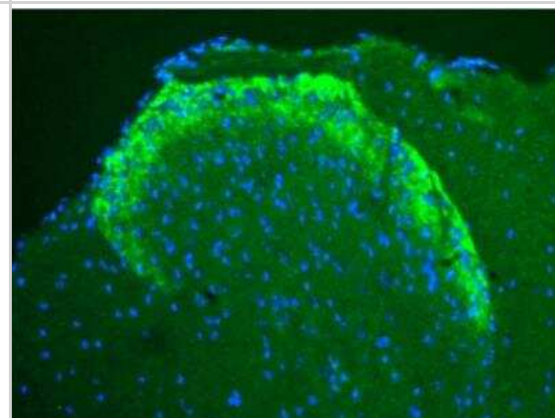


Images

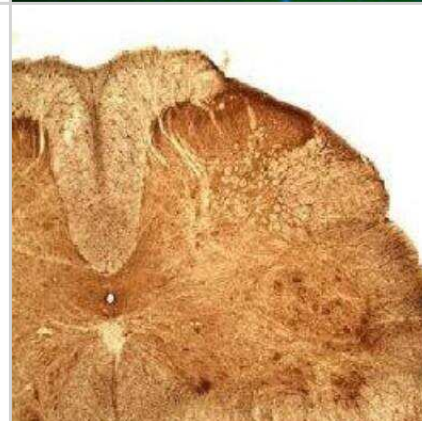
Western Blot: mu Opioid R/OPMR1 Antibody [NB100-1618] - Analysis of isolated mouse brain striatum and cerebellum for the non-phospho-MOR antibody or the MOR-P2 antibody. The samples from cerebellum demonstrate a lack of IR for both the non-phospho-MOR antibody and MOR-P2 antibody further showing the selectivity of these antibodies. The images are each representative of four independent experiments. Dilution 1:1000.



Immunocytochemistry/Immunofluorescence: mu Opioid R/OPMR1 Antibody [NB100-1618] - Staining of Mouse Dorsal Horn, using a 1:50 dilution of 1:50.



Immunohistochemistry: mu Opioid R/OPRM1 Antibody [NB100-1618] - Rat Dorsal Horn. Courtesy of Dr. Louis Gendron, University of Sherbrooke



Publications

Lee GJ, Kim SA, Kim YJ, Oh SB Naloxone-induced analgesia mediated by central kappa opioid system in chronic inflammatory pain Brain research 2021-03-22 [PMID: 33766518] (IHC-FrFI, Mouse)

Weber L, Wang X, Ren R et al. The Development of a Macromolecular Analgesic for Arthritic Pain Mol. Pharm. 2019-03-04 [PMID: 30702897] (IF/IHC, Rat)



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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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