

Product Datasheet

Nociceptin Antibody NB100-1619

Unit Size: 0.05 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NB100-1619**Nociceptin Antibody****Product Information**

Unit Size	0.05 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Unpurified
Buffer	Whole antisera

Product Description

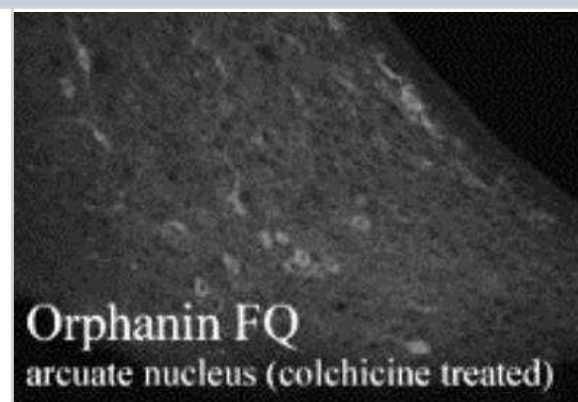
Host	Rabbit
Gene ID	5368
Gene Symbol	PNOC
Species	Human, Mouse, Rat
Reactivity Notes	Immunogen displays the 100% of sequence identity for a wide range of non-tested species.
Specificity/Sensitivity	Nociceptin
Immunogen	FGGFTGARKSARKLANQ- Peptide sequence corresponds to: amino acids 135-151 of rat, 154-170 of mouse and 130-146 of human pro-nociceptin.

Product Application Details

Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500

Images

Immunohistochemistry: Nociceptin Antibody [NB100-1619] - This orphanin FQ robustly stains nerve fibers in brain and spinal cord. Animals were treated with colchicines to visualize orphanin FQ-expressing cell bodies. Staining was blocked by preabsorption with the cognate peptide.



Publications

Kallupi M, Carrette LLG, Kononoff J et al. Nociceptin attenuates the escalation of oxycodone self-administration by normalizing CeA-GABA transmission in highly addicted rats Proc. Natl. Acad. Sci. U.S.A. 2020-01-28 [PMID: 31932450] (WB, Rat)

Ulugol A, Topuz RD, Gunduz O et al. Changes in nociceptin/orphanin FQ levels in rat brain regions after acute and chronic cannabinoid treatment in conjunction with the development of antinociceptive tolerance Fundam Clin Pharmacol 2016-07-01 [PMID: 27371029] (WB, IF/IHC)



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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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