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PNOC Antibody (Center)

Purified Mouse Monoclonal Antibody (Mab)
Catalog # AM8712b

Product Information

Application	WB, E
Primary Accession	Q13519
Reactivity	Human
Predicted	Human
Host	Mouse
Clonality	monoclonal
Isotype	IgG2b,κ
Clone Names	2133CT1268.37.7
Calculated MW	20295

Additional Information

Gene ID	5368
Other Names	Prepronociceptin, Nocistatin, Nociceptin, Orphanin FQ, PPNOC, Orphanin FQ2, PNOC, OFQ
Target/Specificity	This PNOC antibody is generated from a mouse immunized with a recombinant protein from human PNOC.
Dilution	WB~~1:8000 E~~Use at an assay dependent concentration.
Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	PNOC Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	PNOC
Synonyms	OFQ
Function	[Nociceptin]: Ligand of the opioid receptor-like receptor OPRL1. It may act as a transmitter in the brain by modulating nociceptive and locomotor behavior. May be involved in neuronal differentiation and development.

Cellular Location	Secreted.
Tissue Location	Predominantly expressed in the brain and spinal cord. Also expressed and secreted by peripheral blood neutrophils following degranulation.

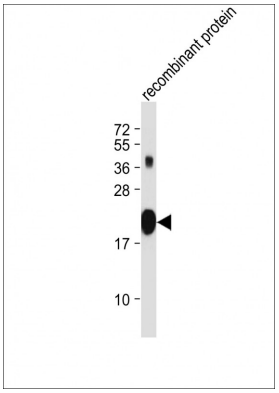
Background

Nociceptin: Ligand of the opioid receptor-like receptor OPRL1. It may act as a transmitter in the brain by modulating nociceptive and locomotor behavior. May be involved in neuronal differentiation and development.

References

Mollereau C.,et al.Proc. Natl. Acad. Sci. U.S.A. 93:8666-8670(1996).
Nothacker H.-P.,et al.Proc. Natl. Acad. Sci. U.S.A. 93:8677-8682(1996).
Fiset M.E.,et al.Biochemistry 42:10498-10505(2003).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
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Images



Anti-PNOC Antibody (Center) at 1:8000 dilution + PNOC recombinant protein Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 18 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.