10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

PNOC Antibody (Center)
Purified Mouse Monoclonal Antibody (Mab)
Catalog # AM8712b

Specification

PNOC Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	Q13519
Reactivity	**Human**
Predicted	**Human**
Host	**Mouse**
Clonality	**monoclonal**
Isotype	**IgG2b,κ**
Calculated MW	**20295**

PNOC Antibody (Center) - 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

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.

PNOC Antibody (Center) - 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.

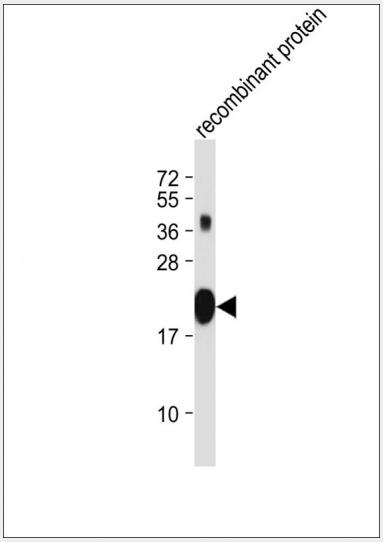
Tissue Location
Predominantly expressed in the brain and spinal cord. Also expressed and secreted by peripheral blood neutrophils following degranulation.

PNOC Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PNOC Antibody (Center) - 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.

PNOC Antibody (Center) - 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.

PNOC Antibody (Center) - 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).
Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.