



## Rabbit Anti-Nociceptin antibody

SL0075R

<b>Product Name:</b>	Nociceptin
<b>Chinese Name:</b>	孤菲肽/痛敏肽抗体
<b>Alias:</b>	PNOC; N/OFQ; N23K; N23K/N27K; Nociceptin, included; Npnc1; OFQ; OFQ/N; Orphanin FQ; PPNOC; prepronociceptin; Propronociceptin; PNOC_HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	20kDa
<b>Cellular localization:</b>	Secretory protein
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human Nociceptin:130-146/176
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	Nociceptin (PNOC) is the 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. Expressed predominantly in the spinal cord and brain, being more abundant in the hypothalamus and striatum. Also found in small amounts in ovary. Belongs to the opioid neuropeptide precursor family.

**Function:**

Nociceptin is the 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 (By similarity).

**Subcellular Location:**

Secreted.

**Tissue Specificity:**

Predominantly in the brain and spinal cord.

**Similarity:**

Belongs to the opioid neuropeptide precursor family.

**SWISS:**

Q13519

**Gene ID:**

5368

**Database links:**

[Entrez Gene: 5368](#)Human

[Entrez Gene: 18155](#)Mouse

[Entrez Gene: 25516](#)Rat

[Oimim: 601459](#)Human

[SwissProt: Q13519](#)Human

[SwissProt: Q64387](#)Mouse

[SwissProt: Q62923](#)Rat

[Unigene: 88218](#)Human

[Unigene: 16347](#)Mouse

[Unigene: 486163](#)Mouse

[Unigene: 87935](#)Rat

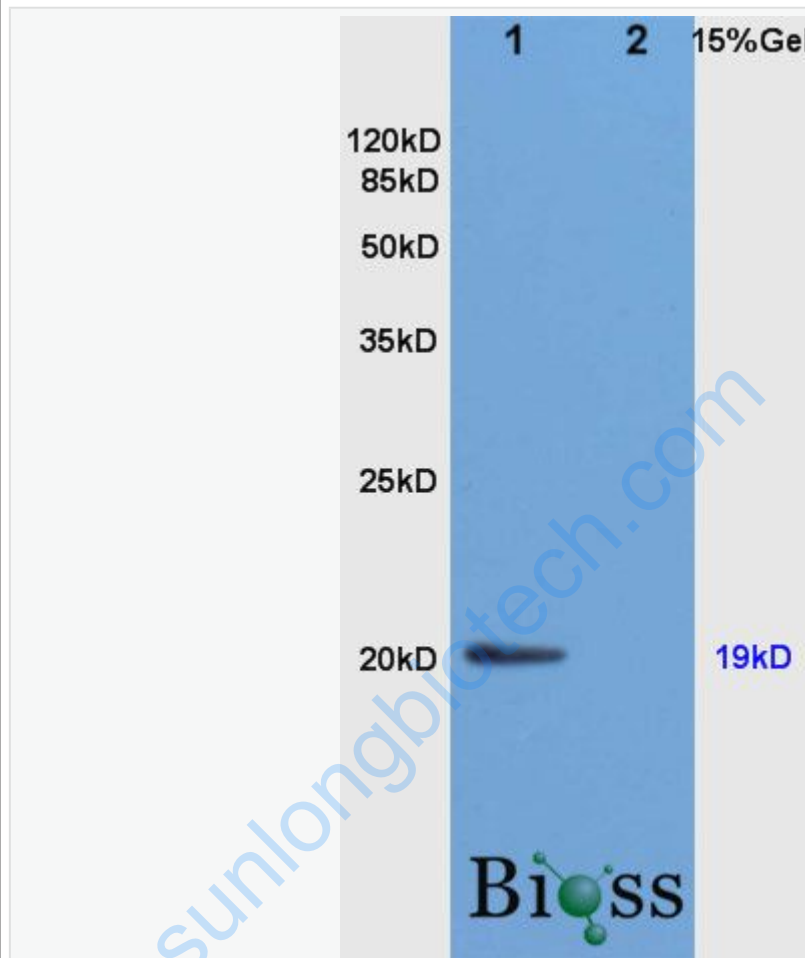
**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

孤啡肽 (Nociceptin 又称为 Orphanin FQ; PPNOG);

ORL1)是新发现的一种神经肽,由17个氨基酸组成,又称痛敏肽。消化道Tumour病人的血浆中OFQ含量明显高于对照组,尤以结肠癌、胃癌最为明显。

Picture:



Sample:

Brain(Rat) lysate at 30ug;

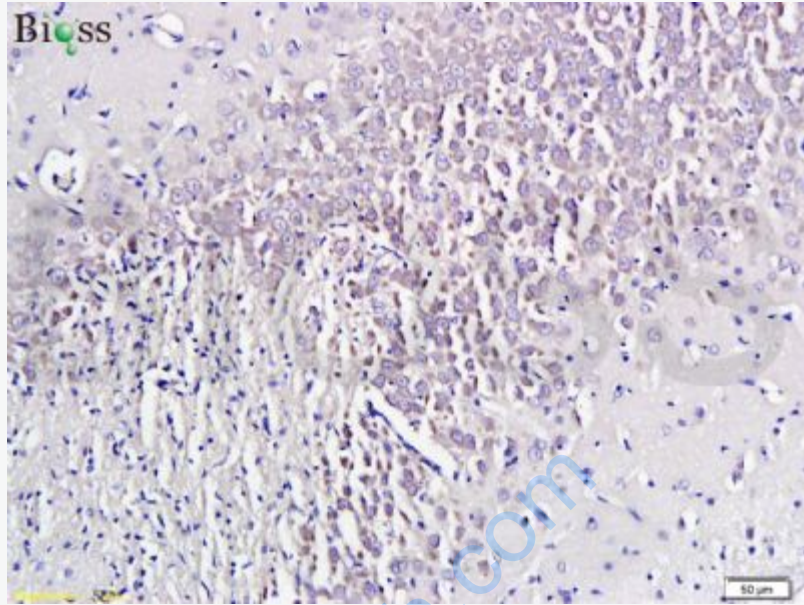
Liver(Rat) lysate at 30ug;

Primary: Anti-Nociceptin(SL0075R) at 1:200 dilution;

Secondary: HRP conjugated Goat-Anti-Rabbit IgG(SL0075R) at 1: 3000 dilution;

Predicted band size : 20kD

Observed band size : 20kD



Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;  
Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;  
Incubation: Anti-Nociceptin Polyclonal Antibody, Unconjugated(SL0075R) 1:300, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining