

Datasheet for ABIN953727  
**anti-Nociceptin antibody (Middle Region)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	0.4 mL
Target:	Nociceptin (PNOC)
Binding Specificity:	AA 131-161, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Nociceptin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	KLH conjugated synthetic peptide between 131~161 amino acids from the Center region of Human Nociceptin. Genename: PNOC
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human Nociceptin (Center).
Purification:	Affinity Chromatography on Protein A

## Target Details

Target:	Nociceptin (PNOC)
Alternative Name:	Nociceptin ( <a href="#">PNOC Products</a> )

## Target Details

Background: PNOG 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. This protein may be involved in neuronal differentiation and development. Synonyms: Phoc

Molecular Weight: 20,295 Da

Gene ID: 5368

NCBI Accession: [NP\\_006219](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS containing 0.09 % (W/V) Sodium Azide as preservative

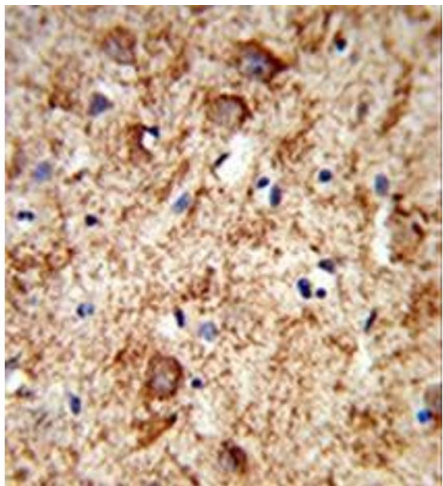
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

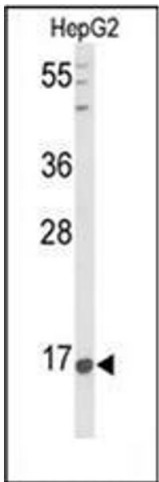
Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



**Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** Formalin-fixed and paraffin-embedded human brain tissue reacted with Nociceptin Antibody , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.



**Western Blotting**

**Image 2.** Western blot analysis of Nociceptin Antibody in HepG2 cell line lysates (35ug/lane).