

Product datasheet for **AP53369PU-N**

Nociceptin (PNO) (Center) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/100-1/500. Immunohistochemistry on Paraffin Sections: 1/50-1/100.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 131~161 amino acids from the Center region of Human Nociceptin.
Specificity:	This antibody recognizes Human Nociceptin (Center).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	prepronociceptin
Database Link:	Entrez Gene 5368 Human Q13519
Background:	PNO 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:	Pnoc

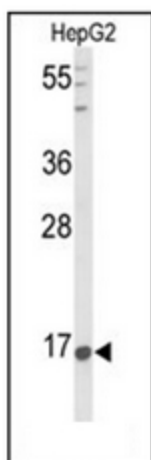


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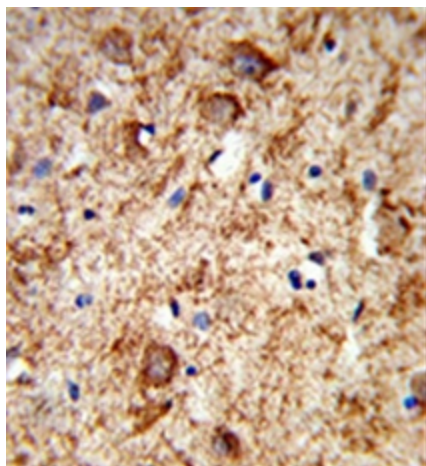
Note: **Molecular Weight:** 20;295 Da

Protein Families: Secreted Protein

Product images:



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



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