



# Anti-PNOC (aa 135-151) polyclonal antibody (DPAB2764RR)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

|                            |   |
|----------------------------|---|
| <b>Product Overview</b>    | Rabbit polyclonal to rat orphanin FQ.   |
| <b>Antigen Description</b> | Endogenous ligand of the opioid-like orphan receptor; reduces neuronal excitability and induces an increase in inward rectifying K <sup>+</sup> conductance in thalamic neurons.  |
| <b>Immunogen</b>           | FGGFTGARKSARKLANQ Peptide sequence corresponds to amino acids 135-151 of rat, 154-170 of mouse and 130-146 of human pro-nociceptin.   |
| <b>Isotype</b>             | IgG   |
| <b>Source/Host</b>         | Rabbit  |
| <b>Species Reactivity</b>  | Human   |
| <b>Conjugate</b>           | Unconjugated  |
| <b>Applications</b>        | IHC   |
| <b>Format</b>              | Whole Serum (with 0.05% sodium azide) Sent in liquid form   |
| <b>Size</b>                | 50 µl   |
| <b>Preservative</b>        | None  |
| <b>Storage</b>             | Store frozen. Aliquot as undiluted serum and immediately place at -20 °C. Serum may have become trapped in top of vial during shipping. Centrifugation of vial is recommended before opening. Stable for at least 6 months at -20°C. Repeated freeze/thaw cycle |

## GENE INFORMATION

|                            |   |
|----------------------------|---|
| <b>Gene Name</b>           | <a href="#">Pnoc prepronociceptin [ Rattus norvegicus ]</a>   |
| <b>Synonyms</b>            | Pnoc; PPNOG; OFQ;P; Npnc1; neuropeptide nociceptin 1; Prepronociceptin (neuropeptide nociceptin) (N23K); orphanin FQ; prepronociceptin; nociceptin; N23K          |
| <b>Entrez Gene ID</b>      | <a href="#">25516</a>   |
| <b>Protein Refseq</b>      | <a href="#">NP_775158</a>   |
| <b>UniProt ID</b>          | <a href="#">Q62923</a>  |
| <b>Chromosome Location</b> | 15p12   |
| <b>Pathway</b>             | Class A/1; G alpha (i) signalling events; GPCR downstream signaling; GPCR ligand binding; Peptide ligand-binding receptors; Signal Transduction;Signaling by GPCR |
| <b>Function</b>            | opioid peptide activity   |