

PNOC Polyclonal Antibody

Catalog Number:E-AB-16651

Note: Centrifuge before opening to ensure complete recovery of vial contents.

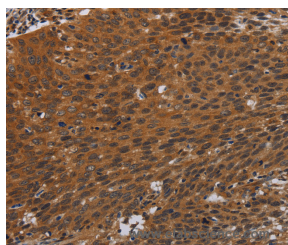
Description

| | |
|---------------------|---|
| Reactivity | Human |
| Immunogen | Synthetic peptide of human PNOC |
| Host | Rabbit |
| Isotype | IgG |
| Purification | Affinity purification |
| Conjugation | Unconjugated |
| Formulation | PBS with 0.05% sodium azide and 50% glycerol, PH7.4 |

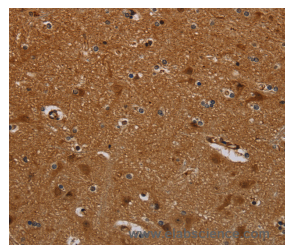
Applications Recommended Dilution

| | |
|------------|------------|
| IHC | 1:50-1:200 |
|------------|------------|

Data



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using PNOC Polyclonal Antibody at dilution 1:40



Immunohistochemistry of paraffin-embedded Human brain tissue using PNOC Polyclonal Antibody at dilution 1:40

Preparation & Storage

| | |
|----------------|---|
| Storage | Store at -20°C. Avoid freeze / thaw cycles. |
|----------------|---|

Background

Nociception, a pain response mechanism, occurs in response to stimuli that threaten the integrity of an organism. The first synapses produced as a result of the initiation of nociception are modulated by excitatory amino acids (glutamate and aspartate) and many peptides (substance P, CGRP, CCK, endogenous opioids). Nociceptin (also designated orphanin FQ) is a neuronal peptide that is similar to opioid peptides. Nociceptin activates KOR-3 (kappa-type opioid receptor, also designated ORL1), a G protein-coupled receptor. Although similar to dynorphin A, a kappa opioid peptide, nociceptin functions to make animals hyperreactive to nociceptive stimulations. Nociceptin is also involved in locomotor behavior and may be involved in the modulation of synaptic plasticity in learning and memory.

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