

Nociceptin Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250779

Unit: 0.1 mg

Description:

Nociceptin is the ligand of the opioid receptor-like receptor (OPRL1). Nociceptin acts as a transmitter in the brain by modulating nociceptive and locomotor behavior and is also involved in neuronal differentiation and development. Nociceptin is expressed predominantly in the spinal cord and brain, being more abundant in the hypothalamus and striatum. Nociceptin is a 17 aa peptide expressed as prepronociceptin that is cleaved into nociceptin, neuropeptide 1 and neuropeptide 2.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: H, M, R

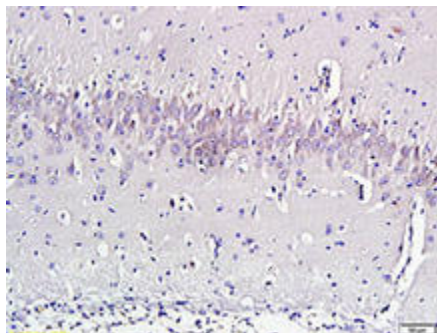
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Nociceptin; Neuropeptide 1; Neuropeptide 2; PNOC; OFQ; prepronociceptin

Accession No.: Q13519

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the 17aa human Nociceptin.

Application Notes: E: 1:500-1:1,000; WB: 1:200-1:500; IHC: 1:200-1:500



Nociceptin staining in rat brain. Formalin-fixed paraffin-embedded rat brain tissue is stained with Nociceptin Antibody (Cat. No. 250779) used at 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.