

Nociceptin receptor Antibody FITC Conjugated

Catalog No: #C00130F

Package Size: #C00130F 100ul

Description

Product Name	Nociceptin receptor Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	ICC IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 1-40 367 derived from mouse Nociceptin receptor
Conjugates	FITC
Target Name	Nociceptin receptor
Other Names	KOR3; ORGC; ORL1; Oprl; XOR1; morc; KOR-3; LC132; MOR-C; Nociceptin receptor; K3 opiate receptor; Kappa-type 3 opioid receptor; Orphanin FQ receptor; Oprl1; Oor
Accession No.	Swiss-Prot#P35377NCBI Gene ID18389
Cell Localization	Extracellular
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

ICC=1:50-200 IF=1:50-200

Background

G-protein coupled opioid receptor that functions as receptor for the endogenous neuropeptide nociceptin. Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of down-stream effectors. Signaling via G proteins mediates inhibition of adenylate cyclase activity and calcium channel activity. Arrestins modulate signaling via G proteins and mediate the activation of alternative signaling pathways that lead to the activation of MAP kinases. Plays a role in modulating nociception and the perception of pain. Plays a role in the regulation of locomotor activity by the neuropeptide nociceptin.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.