

Recombinant Anti-Delta Opioid Receptor Rabbit mAb

Catalog # AP94977

Product Information

Application	WB, FC
Primary Accession	P41143
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal
Calculated MW	40369

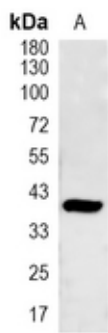
Additional Information

Gene ID	4985
Other Names	OPRD; Delta-type opioid receptor; D-OR-1; DOR-1
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within human Delta Opioid Receptor protein. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) FC~~1:10~50
Format	Liquid in PBS, pH 7.3, 50% glycerol, 0.05% BSA, and 0.05% Proclin300.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	OPRD1
Synonyms	OPRD
Function	G protein-coupled receptor that functions as a receptor for endogenous enkephalins and for a subset of other opioids. Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of down-stream effectors, such as adenylate cyclase. Signaling leads to the inhibition of adenylate cyclase activity. Inhibits neurotransmitter release by reducing calcium ion currents and increasing potassium ion conductance. Plays a role in the perception of pain and in opiate-mediated analgesia. Plays a role in developing analgesic tolerance to morphine.
Cellular Location	Cell membrane; Multi-pass membrane protein
Tissue Location	Detected in oocytes (at protein level). Detected in brain cortex, hypothalamus, hippocampus and olfactory bulb. Detected in oocytes.

Images



Western blot analysis of Delta Opioid Receptor expression in SHSY5Y (A) whole cell lysates. (Predicted band size: 40 kD; Observed band size: 40 kD)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.