

KAPPA OPIOID RECEPTOR RABBIT MAB

货号: N262439

产品全名: kappa Opioid Receptor 兔单克隆抗体

基因符号 KOR; R21; KOR-1; MSL-1; Oprk2; K-OR-1

UNIPROT ID: P33534

背景: G-protein coupled opioid receptor that functions as receptor for endogenous alpha-neoendorphins and dynorphins, but has low affinity for beta-endorphins. Also functions as receptor for various synthetic opioids and for the psychoactive diterpene salvinorin A. 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. Plays a role in mediating reduced physical activity upon treatment with synthetic opioids. Plays a role in the regulation of salivation in response to synthetic opioids. May play a role in arousal and regulation of autonomic and neuroendocrine functions.

抗原: A synthetic peptide of mouse Kappa Opioid Receptor

经过测试的应用: WB,IP

推荐稀释比: WB: 1/500-1/1000 IP: 1/20

种属反应性: Rabbit

克隆性: Rabbit Monoclonal

克隆编号: R03-2A5

分子量: Calculated MW: 43 kDa; Observed MW: 60 kDa

亚型: IgG

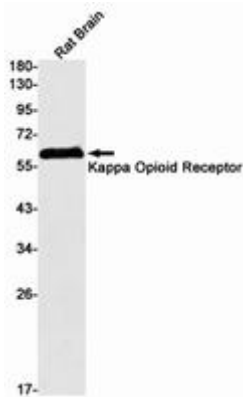
纯化: Affinity Purified

种属反应性: Rat

成分: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

研究领域: Neuroscience

储存和运输: Store at -20°C. Avoid repeated freezing and thawing



Western blot analysis of Kappa Opioid Receptor in rat Brain lysates using kappa Opioid Receptor antibody.