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Anti-Kappa Opioid Receptor Antibody

Catalog # AN2172

Product Information

Application	WB
Primary Accession	P41145
Host	Rabbit
Clonality	Rabbit Polyclonal
Isotype	IgG
Calculated MW	42645

Additional Information

Gene ID	4986
Other Names	OPRK1, Kappa-type opioid receptor, KOR-1
Dilution	WB~~1:1000
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Anti-Kappa Opioid Receptor Antibody is for research use only and not for use in diagnostic or therapeutic procedures.
Shipping	Blue Ice

Background

G protein-coupled receptors (GPCRs) are the largest family of membrane receptors that activate intracellular signaling cascades and undergo endocytosis, recycling, or degradation upon stimulation. The (mu) m-, delta (d) and kappa (k) opioid receptors are GPCRs of the nervous system, which control pain, stress, and addictive behaviors. The kappa opioid receptor (KOR-1) plays a role in arousal and regulation of autonomic and neuroendocrine functions and is the receptor for dynorphins. KOR-1 inhibits neurotransmitter release by reducing calcium ion currents and increasing potassium ion conductance.

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