

Anti-Kappa Opioid Receptor Antibody
Catalog # AN2172**Specification**

Anti-Kappa Opioid Receptor Antibody - Product Information

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

Anti-Kappa Opioid Receptor Antibody - Additional InformationGene ID **4986****Other Names**

OPRK1, Kappa-type opioid receptor, KOR-1

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

Anti-Kappa Opioid Receptor Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Kappa Opioid Receptor Antibody - Images**Anti-Kappa Opioid Receptor Antibody - 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.