



Anti-OPRK1 polyclonal antibody (DPABH-03532)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Inhibits neurotransmitter release by reducing calcium ion currents and increasing potassium ion conductance. Receptor for dynorphins. May play a role in arousal and regulation of autonomic and neuroendocrine functions.
Immunogen	Synthetic peptide conjugated to KLH derived from within residues 350 to the C-terminus of Human Kappa Opioid Receptor.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	IHC-P, WB, ICC/IF
Format	Liquid
Size	100 µg
Buffer	pH: 7.40; Constituent: PBS
Preservative	0.02% Sodium Azide
Storage	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	OPRK1 opioid receptor, kappa 2 [Homo sapiens]
Official Symbol	OPRK1
Synonyms	OPRK1; opioid receptor, kappa 1; KOR; OPRK; KOR-1; K-OR-1; kappa-type opioid receptor; kappa opioid receptor; Opiate receptor, kappa-1;
Entrez Gene ID	4986
Protein Refseq	NP_000903.2
UniProt ID	P41145
Pathway	Class A/1 (Rhodopsin-like receptors); GPCR downstream signaling; GPCRs, Class A Rhodopsin-like; Neuroactive ligand-receptor interaction
Function	dynorphin receptor activity; dynorphin receptor activity; opioid receptor activity; protein binding