



Anti-OPRK1 (aa 1-58) polyclonal antibody (DPAB-DC2064)

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

PRODUCT INFORMATION

Antigen Description	OPRK1 (opioid receptor, kappa 1) is a protein-coding gene. Diseases associated with OPRK1 include morphine dependence, and uremic pruritus, and among its related super-pathways are Class A/1 (Rhodopsin-like receptors) and Peptide GPCRs. GO annotations related to this gene include protein binding and dynorphin receptor activity. An important paralog of this gene is SSTR3.
Immunogen	OPRK1 (NP_000903, 1 a.a. ~ 58 a.a) partial recombinant protein with GST tag. The sequence is MDSPIQIFRGEPGPTCAPSACLPPNSSAWFPGWAEPDSNGSAGSEDAQLEPAHISPAI
Source/Host	Mouse
Species Reactivity	Human, Rat
Conjugate	Unconjugated
Applications	WB (Tissue lysate), WB (Tissue lysate), WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name [OPRK1 opioid receptor, kappa 1 \[Homo sapiens \(human\) \]](#)

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
UniProt ID	P41145
Chromosome Location	8q11.2
Pathway	Class A/1 (Rhodopsin-like receptors); GPCR downstream signaling; GPCRs, Class A Rhodopsin-like; Neuroactive ligand-receptor interaction
Function	dynorphin receptor activity; opioid receptor activity; protein binding;