



Anti-OPRL1 (aa 110-212) polyclonal antibody (DPAB-DC2065)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is a G protein-coupled receptor whose expression can be induced by phytohemagglutinin. The encoded integral membrane protein is a receptor for the 17 aa neuropeptide nociceptin/orphanin FQ. This gene may be involved in the regulation of numerous brain activities, particularly instinctive and emotional behaviors. A promoter for this gene also functions as a promoter for another gene, regulator of G-protein signalling 19 (RGS19), located on the opposite strand. Three transcript variants encoding the same protein have been found for this gene.
Immunogen	OPRL1 (AAH38433, 110 a.a. ~ 212 a.a) partial recombinant protein with GST tag. The sequence is DILLGFWPFGNALCKTVIAIDYYNMFTSTFTLTAMSVDRYVAICHPIRALDVRTSSKAQA VNVAIWALASVVGVPVAIMGSAQVEDEEIECLVEIPTPQDYWG
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	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	OPRL1 opiate receptor-like 1 [Homo sapiens (human)]
Official Symbol	OPRL1
Synonyms	OPRL1; opiate receptor-like 1; OOR; ORL1; KOR-3; NOCIR; nociceptin receptor; orphanin FQ receptor; kappa-type 3 opioid receptor; kappa3-related opioid receptor;
Entrez Gene ID	4987
Protein Refseq	NP_000904
UniProt ID	P41146
Chromosome Location	20q13.33
Pathway	Class A/1 (Rhodopsin-like receptors); GPCR downstream signaling; GPCRs, Class A Rhodopsin-like; Neuroactive ligand-receptor interaction
Function	G-protein coupled receptor activity; nociceptin receptor activity; protein binding;