

# OPRL1 rabbit monoclonal antibody

Catalog # H00004987-K

Size 100 ug x up to 3

## Specification

Product Description	Rabbit monoclonal antibody raised against a human OPRL1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human OPRL1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human OPRL1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — OPRL1

Entrez GeneID	<a href="#">4987</a>
GeneBank Accession#	<a href="#">OPRL1</a>
Gene Name	OPRL1
Gene Alias	KOR-3, MGC34578, NOCIR, OOR, ORL1
Gene Description	opiate receptor-like 1
Omim ID	<a href="#">602548</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	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. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]
Other Designations	LC132 receptor-like OTTHUMP00000031640 OTTHUMP00000031641 OTTHUMP00000031642 kappa3-related opioid receptor nociceptin receptor orphanin FQ receptor

## Pathway

- [Neuroactive ligand-receptor interaction](#)

## Disease

- [Alcoholism](#)
- [Alzheimer disease](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Disease Models](#)

- [Genetic Predisposition to Disease](#)
- [NARP](#)
- [Opioid-Related Disorders](#)
- [Substance-Related Disorders](#)