

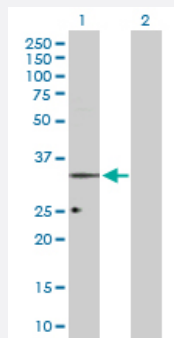
MaxPab®

OPRL1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00004987-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of OPRL1 expression in transfected 293T cell line ([H00004987-T03](#)) by OPRL1 MaxPab polyclonal antibody.

Lane 1: OPRL1 transfected lysate(40.70 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human OPRL1 protein.

Immunogen

OPRL1 (NP_000904.1, 1 a.a. ~ 370 a.a) full-length human protein.

Sequence

MEPLFPAPFWEVIYGSHLQGNLSLLSPNHSLPPHLLLNASHGAFLPLGLKVTIVGLYLAVCVGGL
LGNCCLVMYVILRHTKMKTATNIYFNLALADTLVLLTLPFQGTDILLGFWPFGNALCKTVIAIDYNNMFT
STFTLTAMSVDRYVAICHPIRALDVRTSSKAQAVNVAMALASVVGVPVAIMGSAQVEDEEIECLV
EIPTPQDYWGPVFAICIFLFSFIVPVLVISVCYSLMIRRLRGVRLLSGSREKDRNLRRITRLVLVVAV
FVGCWTPVQVFVLAQGLGVQPSSETAVAILRFCTALGYVNSCLNPILYAFLDENFKACFRKFCCA
SALRRDVQVSDRVRSIKDVVALACKTSETVPRPA

Host

Rabbit

Reactivity

Human

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — OPRL1

Entrez GeneID [4987](#)

GeneBank Accession# [NM_000913](#)

Protein Accession# [NP_000904.1](#)

Gene Name OPRL1

Gene Alias KOR-3, MGC34578, NOCIR, OOR, ORL1

Gene Description opiate receptor-like 1

Omim ID [602548](#)

Gene Ontology [Hyperlink](#)

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](#)