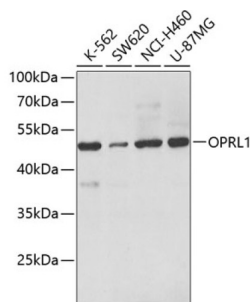


Nociceptin Receptor (OPRL1) Antibody

Catalogue No.: abx002236



Western blot analysis of various lysates using OPRL1 Antibody at 1/500 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST.

OPRL1 Antibody is a Rabbit Polyclonal antibody against OPRL1. 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.

| | |
|-------------------------------|--|
| Target: | Nociceptin Receptor (OPRL1) |
| Clonality: | Polyclonal |
| Reactivity: | Human |
| Tested Applications: | ELISA, WB |
| Host: | Rabbit |
| Recommended dilutions: | ELISA: 1 µg/ml, WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user. |
| Conjugation: | Unconjugated |
| Immunogen: | Synthetic peptide corresponding to OPRL1. The exact sequence is proprietary. |
| Isotype: | IgG |
| Form: | Liquid |
| Purification: | Purified by affinity chromatography. |
| Storage: | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles. |
| UniProt Primary AC: | P41146 (UniProt , ExPASy) |

Datasheet

Version: 5.0.0

Revision date: 07 Oct 2025



Gene Symbol: OPRL1

GeneID: [4987](#)

NCBI Accession: NP_000904.1

KEGG: hsa:4987

String: [9606.ENSP00000336764](#)

Molecular Weight: Calculated MW: 41 kDa
Observed MW: 50 kDa

Buffer: PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

Concentration: 0.63 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only