

OPRL1 antibody

Catalog No: #38586

Package Size: #38586-1 50ul #38586-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

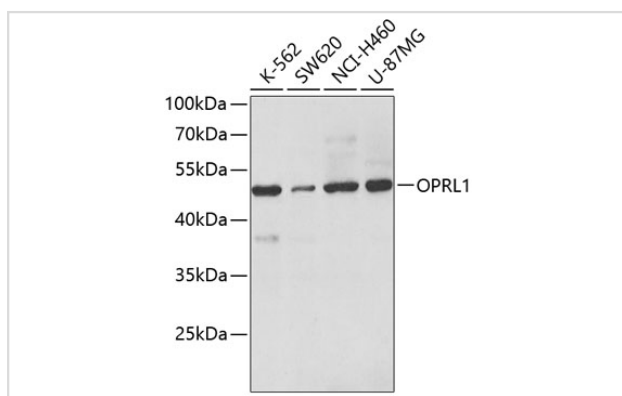
Description

Product Name	OPRL1 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB
Species Reactivity	Human
Specificity	The antibody detects endogenous level of total OPRL1 protein.
Immunogen Type	Peptide
Immunogen Description	A synthetic peptide of human OPRL1.
Target Name	OPRL1
Other Names	OOR; ORL1; KOR-3; NOCIR
Accession No.	Swiss-Prot#: P41146NCBI Gene ID: 4987
Uniprot	P41146
GeneID	4987;
SDS-PAGE MW	41kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

WB □ 1:500 - 1:2000

Images



Western blot analysis of extracts of various cell lines, using OPRL1 at 1:500 dilution.

Background

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.

Note: This product is for in vitro research use only