

Rabbit OPRL1 Polyclonal Antibody | anti-OPRL1 antibody

OPRL1 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200945	Rabbit	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish	Western Blot

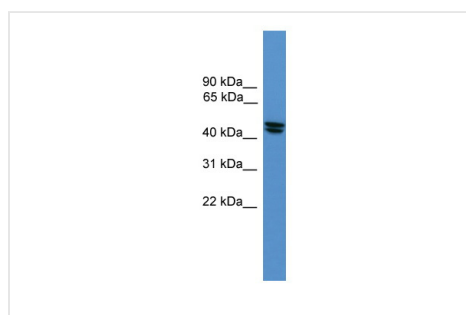
PRODUCT SYNONYMS

OPRL1; Polyclonal Antibody; OPRL1 antibody - middle region; anti-OPRL1 antibody

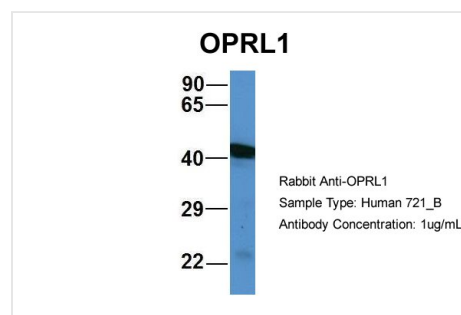
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: ISVCYSLMIRRLRGVRLLSGSR EKDRNLRRIRLVLVVAVFVGCWTPVQ
Sequence Length	370
Applicable Applications for anti-OPRL1 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Goat: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human OPRL1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

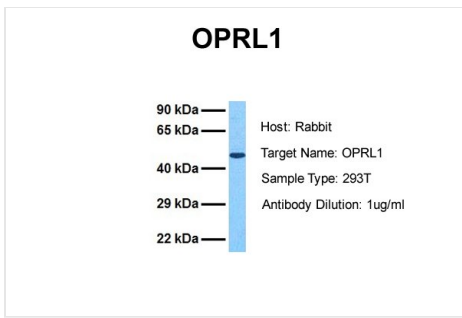


WB (Western Blot)

WB Suggested Anti-OPRL1 Antibody Titration: 0.2-1 ug/mL
ELISA Titer: 1:31250
Positive Control: HepG2 cell lysate


WB (Western Blot)

Host: Rabbit
Target Name: WT1
Sample Type: 721_B
Antibody Dilution: 1.0 ug/mL
OPRL1 is strongly supported by BioGPS gene expression data to be expressed in Human 721_B cells



WB (Western Blot)

Host: Rabbit Target Name: OPRL1 Sample Tissue: Human 293T Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-OPRL1 antibody	This is a rabbit polyclonal antibody against OPRL1. It was validated on Western Blot Target 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.
Product Categories/Family for anti-OPRL1 antibody	Polyclonal ; Neurobiology ; Signaling Intermediate ; Membrane Protein ; GPCR

NCBI AND UNIPROT INFORMATION

NCBI GI #	33286424
NCBI GeneID	4987
NCBI Accession #	NP_872588
NCBI GenBank Nucleotide #	NM_182647
UniProt Accession #	P79292 ; P41146
Molecular Weight	41kDa
NCBI Official Full Name	nociceptin receptor isoform 1
NCBI Official Synonym Full Names	opioid related nociceptin receptor 1
NCBI Official Symbol	OPRL1
NCBI Official Synonym Symbols	NOP; OOR; NOPr; ORL1; KOR-3; NOCIR
NCBI Protein Information	nociceptin receptor
UniProt Protein Name	Nociceptin receptor
UniProt Gene Name	OPRL1
UniProt Synonym Gene Names	KOR-3
UniProt Entry Name	OPRX_PIG

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.