# .-online.com antibodies

# Datasheet for ABIN725960 anti-OPRL1 antibody (AA 1-47)

6 Images



### Overview

Quantity:	100 µL
Target:	OPRL1
Binding Specificity:	AA 1-47
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OPRL1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p))

### Product Details

Target Details	
Purification:	Purified by Protein A.
Predicted Reactivity:	Dog,Cow,Pig,Horse,Guinea Pig
Cross-Reactivity:	Human, Mouse, Rat
Isotype:	IgG
Immunogen:	KLH conjugated synthetic peptide derived from mouse Nociceptin receptor

Target:

### OPRL1

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/4 | Product datasheet for ABIN725960 | 03/07/2024 | Copyright antibodies-online. All rights reserved.

Target Details	
Alternative Name:	Nociceptin receptor (OPRL1 Products)
Background:	Synonyms: KOR3, ORGC, ORL1, Oprl, XOR1, morc, KOR-3, LC132, MOR-C, Nociceptin receptor, K3 opiate receptor, Kappa-type 3 opioid receptor, Orphanin FQ receptor, Oprl1, Oor Background: G-protein coupled opioid receptor that functions as receptor for the endogenous neuropeptide nociceptin. Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of down-stream effectors. Signaling via G proteins mediates inhibition of adenylate cyclase activity and calcium channel activity. Arrestins modulate signaling via G proteins and mediate the activation of alternative signaling pathways that lead to the activation of MAP kinases. Plays a role in modulating nociception and the perception of pain. Plays a role in the regulation of locomotor activity by the neuropeptide nociceptin.
Gene ID:	18389
UniProt:	P35377

## Application Details

Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
	ICC 1:100-500
Restrictions:	For Research Use only

# Handling

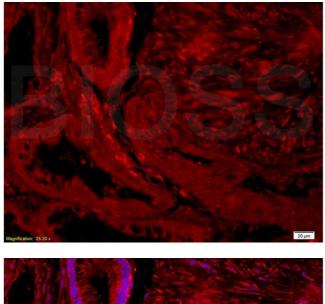
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

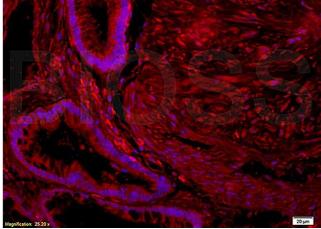
Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/4 | Product datasheet for ABIN725960 | 03/07/2024 | Copyright antibodies-online. All rights reserved.

### Handling

Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

### Images







#### Immunofluorescence

**Image 1.** Formalin-fixed and paraffin embedded human placenta tissue labeled with Rabbit Anti-Nociceptin receptor Polyclonal Antibody (ABIN725960) at 1:200 followed by conjugation to the secondary antibody.

#### Immunofluorescence

**Image 2.** Formalin-fixed and paraffin embedded human placenta tissue labeled with (ABIN725960) Rabbit Anti-Nociceptin receptor Polyclonal Antibody at 1: 200 followed by incubation with conjugated secondary antibody and DAB staining.

#### Immunohistochemistry

**Image 3.** Formalin-fixed and paraffin embedded rat brain tissue labeled with Rabbit Anti-Nociceptin receptor Polyclonal Antibody (ABIN725960) at 1:200 followed by conjugation to the secondary antibody and DAB staining.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/4 | Product datasheet for ABIN725960 | 03/07/2024 | Copyright antibodies-online. All rights reserved. Please check the product details page for more images. Overall 6 images are available for ABIN725960.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 4/4 | Product datasheet for ABIN725960 | 03/07/2024 | Copyright antibodies-online. All rights reserved.