antibodies - online.com







anti-OPRL1 antibody (C-Term)



Image



Overview	
Quantity:	100 μL
Target:	OPRL1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OPRL1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)
Product Details	
Immunogen:	A synthesized peptide derived from human OPRL1, corresponding to a region within C-terminal amino acids.
Isotype:	IgG
Specificity:	OPRL1 Antibody detects endogenous levels of total OPRL1.
Predicted Reactivity:	Pig,Horse,Sheep,Dog
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).
Target Details	
Target:	OPRL1

Preservative:

Storage:

Expiry Date:

Precaution of Use:

Sodium azide

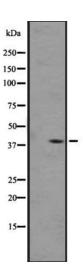
-20 °C

12 months

should be handled by trained staff only.

Target Details	
Alternative Name:	OPRL1 (OPRL1 Products)
Background:	Description: 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: OPRL1
Molecular Weight:	41 kDa,
Gene ID:	4987
UniProt:	P41146
Application Details	
Application Notes:	WB 1:500-1:2000, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 $\%$ sodium azide and 50 $\%$
	glycerol.

This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which



Western Blotting

Image 1. Western blot analysis of OPRL1 expression in A431 whole cell lysate ,The lane on the left is treated with the antigen-specific peptide.