

anti- OPRL1 antibody

Product Information

Catalog No.:	FNab05997
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

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.

Immunogen information

Immunogen:	opiate receptor-like 1
Synonyms:	OOR, ORL1
Observed MW:	45 kDa
UniprotID :	P41146

Application

Wuhan Fine Biotech Co., Ltd.

B9 Bld, High-Tech Medical Devices Park, No. 818 GaoxinAve.East Lake High-Tech Development Zone.Wuhan, Hubei, China(430206)

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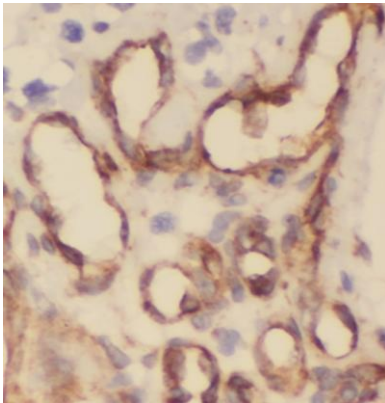
Fax: (0086)027-87800889 www.fn-test.com

Reactivity: Human, Mouse, Rat

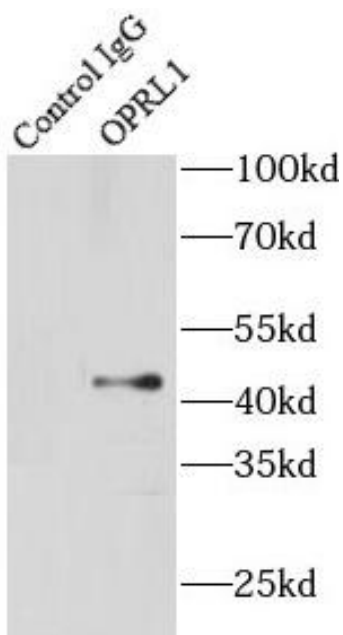
Tested Application: ELISA, WB, IHC, IP

Recommended dilution: WB: 1:500-1:2000; IP: 1:200-1:1000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human gliomas using FNab05997(OPRL1 antibody) at dilution of 1:100



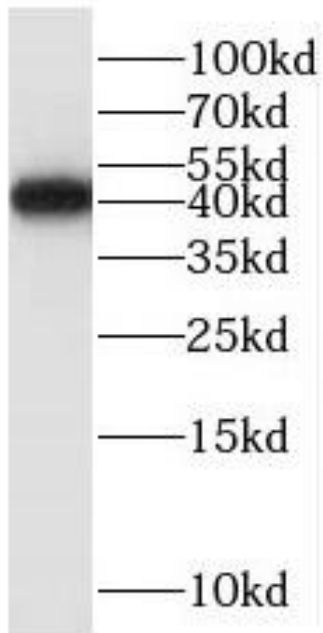
IP Result of anti-OPRL1 (IP:FNab05997, 4ug; Detection:FNab05997 1:500) with SH-SY5Y cells lysate 2000ug.

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HeLa cells were subjected to SDS PAGE followed by western blot with FNab05997(OPRL1 antibody) at dilution of 1:500