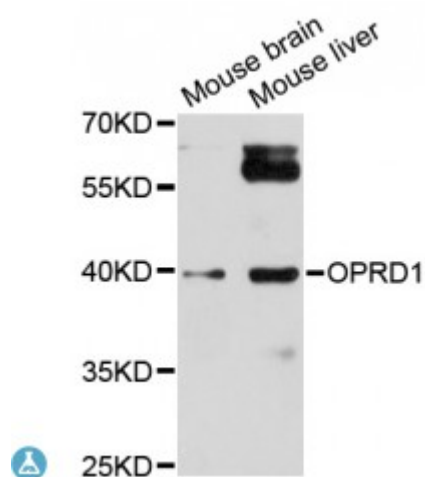


Anti-OPRD1 Antibody



Model	STJ116139
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 283-372 of human OPRD1 (NP_000902.3).
Gene ID	4985
Gene Symbol	OPRD1
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Detected in oocytes (at protein level), Detected in brain cortex, hypothalamus, hippocampus and olfactory bulb, Detected in oocytes
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Delta-type opioid receptor D-OR-1 DOR-1
Molecular Weight	40.369 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:8153 OMIM:165195 Reactome:R-HSA-375276

Alternative Names

Delta-type opioid receptor D-OR-1 DOR-1

Function

G-protein coupled receptor that functions as receptor for endogenous enkephalins and for a subset of other opioids, Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of down-stream effectors, such as adenylate cyclase, Signaling leads to the inhibition of adenylate cyclase activity, Inhibits neurotransmitter release by reducing calcium ion currents and increasing potassium ion conductance, Plays a role in the perception of pain and in opiate-mediated analgesia, Plays a role in developing analgesic tolerance to morphine,

Cellular Localization

Cell membrane

**Post-translational
Modifications**

N-glycosylated,

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