

OPRD1 Recombinant Antibody



RACO0265

Product Information

Size:

50ul

Reactivity:

Human, Mouse

Source:

Homo sapiens (Human)

Isotype:

Rabbit IgG

Applications:

ELISA, WB

Recommended dilutions:

WB:1:500-1:5000

Protein Background:

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.

Gene ID:

OPRD1

Uniprot

P41143

Synonyms:

Delta-type opioid receptor (D-OR-1) (DOR-1), OPRD1, OPRD

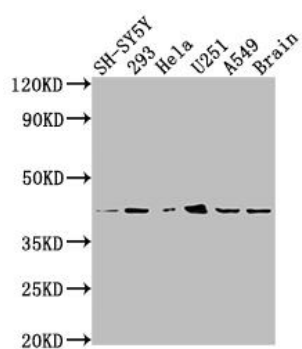
Immunogen:

A synthesized peptide derived from human OPRD1.

Storage:

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Product Images



Western Blot

Positive WB detected in(SH-SY5Y whole cell lysate) 293 whole cell lysate) HeLa whole cell lysate) U251 whole cell lysate) A549 whole cell lysate) Mouse brain tissue

All lanes: OPRD1 antibody at 1:2000

Secondary

Goat polyclonal to rabbit IgG at 1:50000 dilution

Predicted band size: 41 kDa

Observed band size: 41 kDa