

## Product Datasheet

# OPRD1 Antibody

Catalog No: CY5795

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB FC



[www.abways.com](http://www.abways.com)

### Information

**UniProt ID:** P41143

**All Names:** Delta type opioid receptor; Delta type opioid receptor DOR1; DOR 1; mDOR; Nbor; Opioid receptor delta 1; OPRD 1;

**Form:** Liquid

**Storage instructions:** Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

**Storage buffer:** pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Purity:** Affinity-chromatography

**Immunogen:** A synthesized peptide

**Molecular Wt.:** 40 kDa

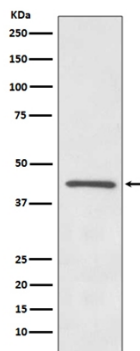
### Application

WB 1:1000~1:2000

FC 1:50

### Background

The opioid receptors are G-protein coupled, seven-transmembrane domain receptors for enkephalins, endorphins, and dynorphins. 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.



Western blot analysis of OPRD1 expression in SH-SY5Y cell lysate.

**For Research Use Only. Not For Use In Diagnostic Procedures.**

[www.abways.com](http://www.abways.com)