

# OPRD1 Rabbit pAb

Catalog No.: A8445

## Basic Information

### Observed MW

43kDa

### Calculated MW

40kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse, Rat

## Background

Enables G protein-coupled enkephalin receptor activity. Involved in several processes, including G protein-coupled opioid receptor signaling pathway; cellular response to hypoxia; and positive regulation of peptidyl-serine phosphorylation. Is intrinsic component of plasma membrane.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

4985

### Swiss Prot

P41143

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 300-372 of human OPRD1 (NP\_000902.3).

### Synonyms

DOP; DOR; DOR1; OPRD; OPRD1

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

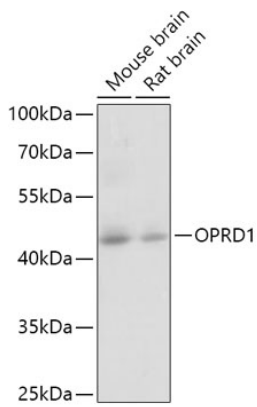
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

## Validation Data

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Western blot analysis of various lysates using OPRD1 Rabbit pAb (A8445) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 $\mu$ g per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 5s.