

## OPRM1 Polyclonal Antibody

Catalog No: #28453



Package Size: #28453-1 50ul #28453-2 100ul

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## Description

Product Name	OPRM1 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human
Immunogen Description	A synthetic synthetic peptide of human OPRM1 (NP_000905.3).
Other Names	OPRM1; LMOR; M-OR-1; MOP; MOR; MOR1; OPRM; opioid receptor mu 1
Accession No.	Swiss-Prot#:P35372NCBI Gene ID:4988
Uniprot	P35372
GeneID	4988;
Calculated MW	Refer to figures
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

## Application Details

WB□1:500 - 1:2000

## Background

This gene encodes one of at least three opioid receptors in humans; the mu opioid receptor (MOR). The MOR is the principal target of endogenous opioid peptides and opioid analgesic agents such as beta-endorphin and enkephalins. The MOR also has an important role in dependence to other drugs of abuse, such as nicotine, cocaine, and alcohol via its modulation of the dopamine system. The NM\_001008503.2:c.118A>G allele has been associated with opioid and alcohol addiction and variations in pain sensitivity but evidence for it having a causal role is conflicting. Multiple transcript variants encoding different isoforms have been found for this gene. Though the canonical MOR belongs to the superfamily of 7-transmembrane-spanning G-protein-coupled receptors some isoforms of this gene have only 6 transmembrane domains.

Note: This product is for in vitro research use only