

Anti-Human/Mouse/Rat OPRM1 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA05042

3th Edition

Description: This gene encodes one of three opioid receptors. The mu opioid receptor is the principal target of endogenous opioid peptides and opioid analgesic agents such as beta-endorphin and enkephalins. The NM_001008503.1:c.118A>G allele had been associated with opioid and alcohol addiction and variations in pain sensitivity but evidence is conflicting. Multiple transcript variants encoding different isoforms have been found for this gene.

Antigen: Synthesized peptide derived from human MOR-1 around the non-phosphorylation site of Ser375.

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Expressed in brain. Isoform 16 and isoform 17 are detected in brain.