

**Anti-Human/Mouse/Rat Phospho-OPRM1 (Ser375) Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA01877**

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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 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.