

Mu Opioid Receptor(MOR) Rabbit pAb

Catalog No.: A7264 **1 Publications**

Basic Information

Observed MW

72kDa

Calculated MW

45kDa

Category

Primary antibody

Applications

ELISA,WB

Cross-Reactivity

Mouse, Rat

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.

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

4988

Swiss Prot

P35372

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 300-400 of human Mu Opioid Receptor(MOR) (NP_000905.3).

Synonyms

MOP; MOR; LMOR; MOR1; OPRM; M-OR-1; Mu Opioid Receptor(MOR)

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

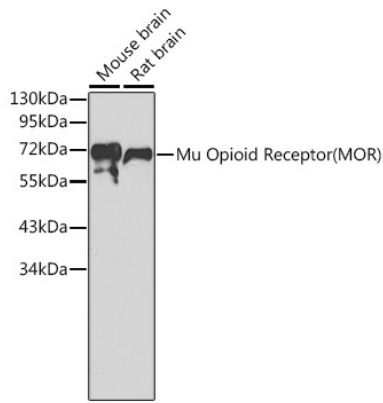
Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data



Western blot analysis of various lysates using Mu Opioid Receptor(MOR) Rabbit pAb (A7264).
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 μ g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.