

Anti-OPRM1 Polyclonal Antibody

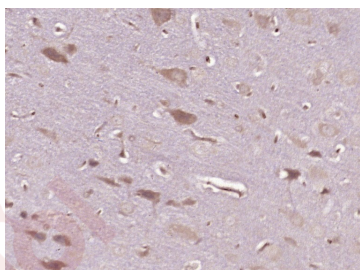
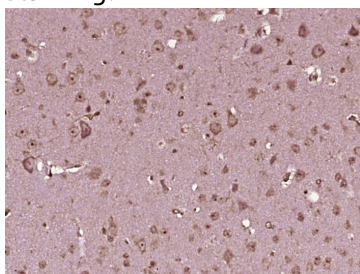
Product Details

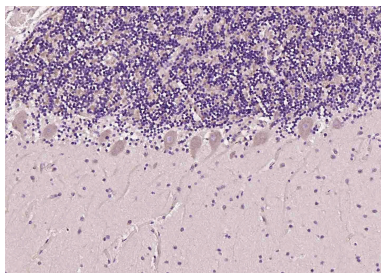
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|-------------------|--|
| Ig Type: | IgG |
| Reactivity: | Human, Mouse, Rat (predicted: Dog, Pig, Cow, Rabbit, Guinea Pig) |
| Molecular Weight: | Theoretical: 45 kDa. |
| Purification: | Protein A purified |

Applications

Verified Activity:

1. Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (mu Opioid receptor) Polyclonal Antibody, Unconjugated (TMAB-01289) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
2. Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (mu Opioid receptor) Polyclonal Antibody, Unconjugated (TMAB-01289) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
3. Paraformaldehyde-fixed, paraffin embedded (human cerebellum); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Incubation with (mu Opioid receptor) Polyclonal Antibody, Unconjugated (TMAB-01289) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.





Application: IF,IHC-Fr,IHC-P

Recommended IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human mu Opioid receptor

Antigen Species: Human

Gene ID: 4988

Uniprot ID: P35372

Synonyms: MOR-1;MOR1;M-OR-1;Mu opioid receptor (MOP;hMOP);Mu opiate receptor;OPRM1;Mu-type opioid receptor

Biology Area: Drugs and Chemicals,Opioid Receptors,Nociception

Research Background

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. [provided by RefSeq, Jun 2012]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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