

#### **International Office**

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# EB06565 - Goat Anti-OPRM1 / MOR1 Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

Principal Names: OPRM1, MOR1, OPRM, opioid receptor, mu 1, mu opiate receptor,

mu-type opioid receptor, KIAA0403

Official Symbol: OPRM1

Accession Number(s): NP\_000905

Human GeneID(s): 4988

Non-Human GenelD(s): 18390 (mouse), 25601 (rat)

**Important Comments:** This antibody is expected to recognise aa 451-462 of isoform MOR1 (NP\_000905) of the human OPRM1 locus only and is not expected to recognise

any other reported isoforms.

## **Immunogen**

Peptide with sequence C-LENLEAETAPLP, from the internal region of the protein sequence according to NP\_000905.

Please note the peptide is available for sale.

# **Purification and Storage**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

## **Applications Tested**

Peptide ELISA: antibody detection limit dilution 1:16000.

**Western blot:** Preliminary experiments in Human, Mouse, and Rat Brain lysates gave no specific signal but low background (at antibody concentration up to 1μg/ml). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

## **Species Reactivity**

Tested:

Expected from sequence similarity: Human, Mouse, Rat, Pig, Cow