

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## 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 GeneID(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