EB06565 - Goat Anti-OPRM1 / MOR1 Antibody

Size: 100µg specific antibody in 200µl

UK Office

Everest Biotech Ltd
Cherwell Innovation Centre
77 Heyford Park
Upper Heyford
Oxfordshire
OX25 5HD
UK

Enquiries:
info@everestbiotech.com
Sales:
sales@everestbiotech.com
Tech support:
support@everestbiotech.com

Tel: +44 (0)1869 238326
Fax: +44 (0)1869 238327

US Office

Everest Biotech c/o Abcore
405 Maple Street, Suite A106
Ramona,
CA 92065
USA

Inquiries:
info@everestbiotech.com
Sales:
usasales@everestbiotech.com
Tech support:
support@everestbiotech.com

Tel: 888-320-4628 (toll-free)
Fax: 888-841-9041

www.everestbiotech.com

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