

### **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

#### www.everestbiotech.com

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# EB08447 - Goat Anti-MC5R Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

Principal Names: MC5R N: melanocortin 5 receptor

Official Symbol: MC5R

Accession Number(s): NP\_005904.1

Human GenelD(s): 4161

Non-Human GeneID(s): 17203 (mouse)

## **Immunogen**

Peptide with sequence PNVKNKSSPCED, from the N Terminus (near) of the protein sequence according to NP\_005904.1.

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

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

#### **Applications Tested**

Peptide ELISA: antibody detection limit dilution 1:8000.

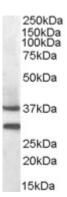
**Western blot:** Approx. 37kDa band observed in Mouse Skeletal Muscle lysates (calculated MW of 36.6kDa according to NP\_005904.1). Recommended concentration: 0.3-1µg/ml. Primary incubation 1 hour at room temperature. An additional band of unknown identity was also consistently observed at 30kDa. This band was successfully blocked by incubation with the immunizing peptide

IHC: Paraffin embedded Human Brain (Cortex). Recommended concentration: 2.5µg/ml.

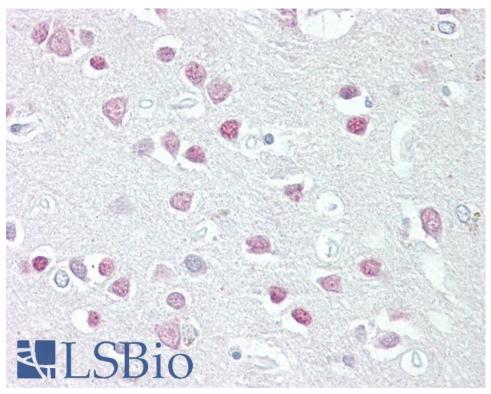
## **Species Reactivity**

Tested: Human, Mouse

Expected from sequence similarity: Human, Mouse



EB08447 (0.3μg/ml) staining of Mouse Muscle lysate (35μg protein in RIPA buffer). Detected by chemiluminescence.



EB08447 (2.5 $\mu$ g/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.