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# EB06726 - Goat Anti-Melanocortin 3 Receptor Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

Principal Names: melanocortin 3 receptor, MC3R, MC3, BMIQ9, MC3-R, OB20, OQTL,

Obesity quantitative trait locus
Official Symbol: MC3R

Accession Number(s): NP\_063941.2

Human GeneID(s): 4159

# **Immunogen**

Peptide with sequence SIQKTYLEGDFV-C, from the N Terminus of the protein sequence according to NP\_063941.2.

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:** Approx 40kDa band observed in Human Brain lysates (calculated MW of 40.1kDa according to NP\_063941.2). Recommended concentration: 1-3 $\mu$ g/ml. Primary incubation was 1 hour.

# **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human



EB06726 (1μg/ml) staining of Human Brain lysate (35μg protein in RIPA buffer). Detected by chemiluminescence.