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

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 GeneID(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 albumin.

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 was 1 hour. 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 (2.5µg/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.