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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 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 albumin

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

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:8000.

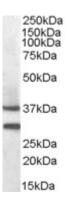
Western blot: Approx. 37kDa band observed in Mouse Skeletal Muscle lysates (calculated MW of 36.6kDa according to NP_005904.1). Recommended concentration: 0.3-1µg/ml. Primary incubation 1 hour at room temperature. An additional band of unknown identity was also consistently observed at 30kDa. This band was successfully blocked by incubation with the immunizing peptide

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

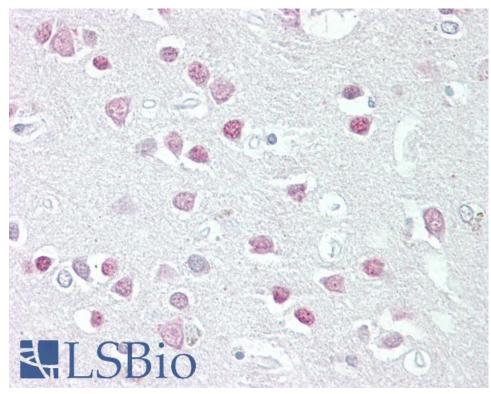
Species Reactivity

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 μ g/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.