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

EB12140 - Goat Anti-MC4R Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: MC4R, melanocortin 4 receptor, MC4-R, melanocortin receptor 4

Official Symbol: MC4R

Accession Number(s): NP_005903.2

Human GeneID(s): [4160](#)

Important Comments: The immunizing peptide represents extracellular part of the protein

Immunogen

Peptide with sequence NSTHRGMHTSLH-C, from the N Terminus of the protein sequence according to NP_005903.2.

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: Preliminary experiments in Human Brain, Colon, Duodenum, Ileum and Placenta lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml).

Species Reactivity

Tested:

Expected from sequence similarity: Human