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# GOAT ANTI-MC4R ANTIBODY

**SKU:** EB12140

## SPECIFICATIONS

| | |
|---|---|
| **Formulation** | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. |
| **Unit Size** | 100 µg |
| **Storage Instructions** | Aliquot and store at -20°C. Minimize freezing and thawing. |
| **Synonym / Alias Names** | melanocortin receptor 4\|MC4-R\|melanocortin 4 receptor\|MC4R |
| **Accession ID** | NP_005903.2 |
| **Blocking Peptide** | EBP12140 |
| **Immunogen** | Peptide with sequence NSTHRGMHTSLH-C, from the N Terminus of the protein sequence according to NP_005903.2. |
| **Product Comments** | The immunizing peptide represents extracellular part of the protein |
| **Peptide Sequence** | NSTHRGMHTSLH-C |
| **Purification Method** | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| **Shipping Instructions** | Refrigerated |
| **Predicted Species** | Human |
| **Human Gene ID** | 4160 |
| **Product Grade** | https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/aspiring_medium.png |
| **ELISA Detection Limit** | 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). |
| **Application Type** | Pep-ELISA |

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# DOCUMENTS

- Data Sheet