

Goat anti-Melanocortin 3 Receptor Antibody

Item Number	dAP-0618
Target Molecule	Principle Name: Melanocortin 3 Receptor; Official Symbol: MC3R; All Names and Symbols: melanocortin 3 receptor; MC3R; MC3; BMIQ9; MC3-R; OB20; OQTL; Obesity quantitative trait locus; Accession Number (s): NP_063941.2; Human Gene ID(s): 4159; Non-Human GeneID(s):
Immunogen	SIQKTYLEGDFV, is from N Terminus
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 16000.
Western Blot	Western Blot: Approx 40kDa band observed in Human Brain lysates (calculated MW of 40.1kDa according to NP_063941.2). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Muhlhausler BS, Adam CL, Marrocco E, Findlay PA, Roberts CT, McFarlane JR, Kauter KG, McMillen IC. Impact of glucose infusion on the structural and functional characteristics of adipose tissue and on hypothalamic gene expression for appetite regulatory neuropeptides in the sheep fetus during late

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**