

Goat anti-ADRB3 Antibody

Item Number	dAP-1292
Target Molecule	Principle Name: ADRB3; Official Symbol: ADRB3; All Names and Symbols: ADRB3; adrenergic, beta-3-, receptor; BETA3AR; Beta-3 Adrenergic Receptor; Accession Number (s): NP_000016.1; Human Gene ID (s): 155; Non-Human GeneID(s):
Immunogen	PHENSSLAPWPD, 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 128000.
Western Blot	Western Blot: Approx 45kDa band observed in Human Brain (Cortex) lysates (calculated MW of 43.5kDa according to NP_000016.1). Recommended concentration: 0.03-0.1µg/ml.
IHC	

Reference	Reference(s): Pierola J, Barcelo A, de la Pena M, Barbe F, B Soriano J, S Armengol A, Martinez C, Agusti A. THE Trp64Arg polymorphism of the beta (3) adrenergic receptor is associated with increased body mass index in patients with sleep apnoea. Eur Respir J. 2007 Jul 11; [Epub ahead of print].PMID: 17626108 ->
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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**