

Goat anti-ADRB2R / ADRB2 Antibody

Item Number	dAP-0742
Target Molecule	Principle Name: ADRB2R / ADRB2; Official Symbol: ADRB2; All Names and Symbols: ADRB2; ADRB2R; adrenergic, beta-2, receptor, surface ; HGNC:286; ADRBR; B2AR; BAR; BETA2AR; beta-2 adrenergic receptor; beta-2 adrenoceptor; catecholamine receptor; Accession Number (s): NP_000015.1; Human Gene ID(s): 154; Non-Human GeneID(s):
Immunogen	HQGTVPSDNIDSQ, is from C Terminus
Applications	Pep ELISA, WB Species Tested: Human, Cow
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 48kDa band observed in Human Liver lysates (calculated MW of 46.6kDa according to NP_000015.1). Recommended concentration: 0.1-0.3µg/ml.
IHC	
Reference	Reference(s): Elefteriou F, Ahn JD, Takeda S, Starbuck M, Yang X, Liu X, Kondo H, Richards WG, Bannon TW, Noda M, Clement K, Vaisse C, Karsenty G. Leptin regulation of bone resorption by the sympathetic nervous system and CART. <i>Nature</i> . 2005 Feb 20; [Epub ahead of print] .PMID: 15724149 ->

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 end users! This product is sold for **Research Use Only**