



## Goat anti-ADRB1 Antibody

<b>Item Number</b>	dAP-0808
<b>Target Molecule</b>	Principle Name: ADRB1; Official Symbol: ADRB1; All Names and Symbols: ADRB1; adrenergic, beta-1-, receptor; ADRB1R; B1AR; BETA1AR; RHR; beta-1-adrenergic receptor; Accession Number (s): NP_000675.1; Human Gene ID(s): 153; Non-Human GeneID(s):
<b>Immunogen</b>	ESDEARRCYNDPK, is from internal region
<b>Applications</b>	Pep ELISA, WB Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 64000.
<b>Western Blot</b>	Western Blot: Approx 55kDa band observed in Human Heart lysates (calculated MW of 51.2kDa according to NP_000675.1). Recommended concentration: 0.5-1.5µg/ml. Primary incubation was 1 hour.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Chandra R, Portbury AL, Ray A, Ream M, Groelle M, Chikaraishi DM. beta(1)-Adrenergic Receptors Maintain Fetal Heart Rate and Survival. Biol Neonate. 2005 Oct 6;89(3):147-158 [Epub ahead of print] .PMID: 16210849 ->

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**