

Goat anti-ADRA1A Antibody

Item Number	dAP-2794
Target Molecule	Principle Name: ADRA1A; Official Symbol: ADRA1A; All Names and Symbols: ADRA1A; adrenergic, alpha-1A-, receptor; ADRA1C; ADRA1L1; ALPHA1AAR; G protein coupled receptor; OTTHUMP00000125310; OTTHUMP00000125311; OTTHUMP00000125312; OTTHUMP00000125313; adrenergic, alpha-1A-, receptor variant 1; adrenergic, alpha-1A-, receptor var; Accession Number (s): NP_000671.2; Human Gene ID(s): 148; Non-Human GeneID(s):
Immunogen	PSLDKNHQVPTIK, is from C Terminus This antibody is expected to recognize isoform 1 (NP_000671.2) only.
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 55kDa band observed in Human Heart and Prostate lysates (calculated MW of 51.5kDa according to NP_000671.2). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Strittmatter F, Gratzke C, Walther S, Göttinger J, Beckmann C, Roosen A, Schlenker B, Reich O, Stief CG, Hennenberg M. Alpha1-adrenoceptor signaling in the human prostate involves regulation of p38 mitogen-activated protein kinase. Urology. 2011 Oct;78(4):969.e7-13..PMID: 21982020->

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**