

Goat anti-ADRA1B Antibody

Item Number	dAP-2782
Target Molecule	Principle Name: ADRA1B; Official Symbol: ADRA1B; All Names and Symbols: ADRA1B; adrenergic, alpha-1B-, receptor; ADRA1; ALPHA1BAR; OTTHUMP00000160844; alpha-1B adrenergic receptor; alpha-1B adrenoceptor; alpha-1B adrenoreceptor; alpha-1B-adrenergic receptor; Accession Number (s): NP_000670.1; Human Gene ID(s): 147; Non-Human GeneID(s): 11548 (mouse) 24173 (rat)
Immunogen	SSTKAKGHNPRSS, is from internal region
Applications	Pep ELISA, WB Species Tested: Human, Mouse, Rat, Pig
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 55-60kDa band observed in Human, Mouse, Rat and Pig Heart lysates (calculated MW of 56.8kDa according to NP_000670.1). Recommended concentration: 0.1-0.3µg/ml.
IHC	
Reference	Reference(s): Powe DG, Voss MJ, Habashy HO, Zänker KS, Green AR, Ellis IO, Entschladen F. Alpha- and beta-adrenergic receptor (AR) protein expression is associated with poor clinical outcome in breast cancer: an immunohistochemical study. Breast Cancer Res Treat. 2011 Nov;130(2):457-63..PMID:

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**