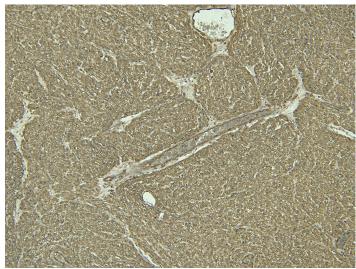




GOAT ANTI-ADRB1 ANTIBODY

SKU: EB07133



SPECIFICATIONS

Formulation Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Unit Size 100 μg

Storage

Aliquot and store at -20°C. Minimize freezing and thawing. Instructions

Synonym /

beta-1-adrenergic receptor|RHR|BETA1AR|B1AR|ADRB1R|adrenergic, beta-1-, receptor|ADRB1 **Alias**

Names

Accession NP_000675.1 ID

Blocking

EBP07133 **Peptide**

Immunogen

Peptide with sequence ESDEARRCYNDPK, from the internal region of the protein sequence according to

NP_000675.1.

Peptide

ESDEARRCYNDPK

Sequence

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography

Method using the immunizing peptide.

Shipping

Refrigerated Instructions





Email: customerservice@vectorlabs.com

Telephone: (650) 697-3600

Predicted

Human, Mouse, Rat, Dog

Species Reactive

Human

Species

Human

153 Gene ID

Product Grade

https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite medium.png

IHC Results Paraffin embedded Human Heart. Recommended concentration: 4µg/ml.

ELISA

Detection Antibody detection limit dilution 1:4000.

Limit

Blot

Type

Western

This antibody is not recommended for use in Western blotting.

Application

Pep-ELISA, IHC

SELECTED REFERENCES

[{"pmid": 29425252, "intro": "This antibody (previous batch) has been successfully used in the following paper:", "title": "Difference between beta1adrenoceptor autoantibodies of human and animal origin-Limitations detecting beta1adrenoceptor autoantibodies using peptide based ELISA technology.", "author": "Wenzel K, Schulze-Rothe S, Müller J, Wallukat G, Haberland A.", "journal": "PLoS One. 2018 Feb 9;13(2):e0192615"}, {"pmid": 28795160, "intro": "This antibody (previous batch) has been successfully used in the following paper:", "title": "Performance and in-house validation of a bioassay for the determination of beta1-auto antibodies found in patients with cardiomyopathy.", "author": "Wenzel K, Schulze-Rothe S, Haberland A, Müller J, Wallukat G, Davideit H", "journal": "Heliyon. 2017 Jul 31;3(7): e00362."}, {"pmid": 22850243, "intro": "This antibody (previous batch) has been successfully used for In Vitro Testing of Apheresis Column Functionality in Rat:", "title": "The first aptamer-apheresis column specifically for clearing blood of ?1-receptor autoantibodies.", "author": "Wallukat G, Haberland A, Berg S, Schulz A, Freyse EJ, Dahmen C, Kage A, Dandel M, Vetter R, Salzsieder E, Kreutz R, Schimke I.", "journal": "Circ J. 2012;76(10):2449-55."}, {"pmid": 27375076, "intro": "This antibody (previous batch) has been successfully used in the following paper:", "title": "Aptamer BC 007 - A broad spectrum neutralizer of pathogenic autoantibodies against Gprotein-coupled receptors", "author": "Annekathrin Haberland, Martin Holtzhauer, Alice Schlichtiger, Sabine Bartel, Ingolf Schimke, Johannes Müller, Michael Dandel, Peter B Luppa, Gerd Wallukat", "journal": "Eur J Pharmacol. 2016 Oct 15:789:37-45."}, {"pmid": 21868696, "intro": "This antibody (previous batch) has been successfully used in IP on DNA aptamers in vitro:", "title": "Aptamer neutralization of beta1-adrenoceptor autoantibodies isolated from patients with cardiomyopathies.", "author": "Haberland A, Wallukat









G, Dahmen C, Kage A, Schimke I.", "journal": "Circ Res. 2011 Oct 14;109(9):986-92."}, {"pmid": 20117461, "intro": "This antibody (previous batch) has been successfully used in Assay Standardization (beating frequency) of Rat Cardiomyocytes:", "title": "Distinct patterns of autoantibodies against G-protein-coupled receptors in Chagas' cardiomyopathy and megacolon. Their potential impact for early risk assessment in asymptomatic Chagas' patients.", "author": "Wallukat G, Muñoz Saravia SG, Haberland A, Bartel S, Araujo R, Valda G, Duchen D, Diaz Ramirez I, Borges AC, Schimke I.", "journal": "J Am Coll Cardiol. 2010 Feb 2;55(5):463-8."}, {"pmid": 29538413, "intro": "This antibody (previous batch) has been successfully used in Assay Standardization of Rat Cardiomyocytes:", "title": "Functional autoantibodies in patients with different forms of dementia", "author": "Gerd Wallukat, Harald Pruss, Johannes Muller, Ingolf Schimke", "journal": "PLoS One. 2018 Mar 14;13(3):e0192778."}, {"pmid": 37474759, "intro": "This antibody (previous batch) has been successfully used in the following paper:", "title": "Cardiac contraction and relaxation are regulated by distinct subcellular cAMP pools.", "author": "Ting-Yu Lin, Quynh N Mai, Hao Zhang, Emily Wilson, Huan-Chieh Chien, Sook Wah Yee, Kathleen M Giacomini, Jeffrey E Olgin, Roshanak Irannejad", "journal": "Nat Chem Biol. 2023 Jul 20."}]

GALLERY IMAGES



