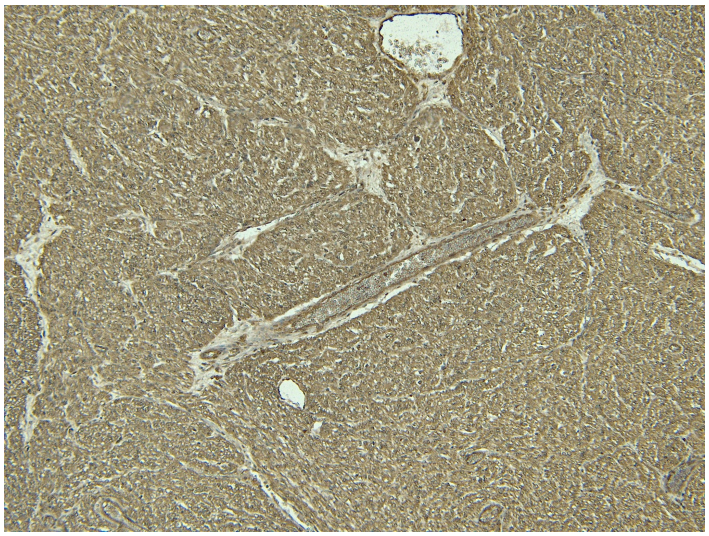
www.everestbiotech.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

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 Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	beta-1-adrenergic receptor|RHR|BETA1AR|B1AR|ADRB1R|adrenergic, beta-1-, receptor|ADRB1
Accession ID	NP_000675.1
Blocking Peptide	EBP07133
Immunogen	Peptide with sequence ESDEARRCYNDPK, from the internal region of the protein sequence according to NP_000675.1.
Peptide Sequence	ESDEARRCYNDPK
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated

Predicted Species	Human, Mouse, Rat, Dog
Reactive Species	Human
Human Gene ID	153
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 Limit	Antibody detection limit dilution 1:4000.
Western Blot	This antibody is not recommended for use in Western blotting.
Application Type	Pep-ELISA, IHC

SELECTED REFERENCES

[{"pmid": 29425252, "intro": "**This antibody (previous batch) has been successfully used in the following paper:**", "title": "Difference between beta1-adrenoceptor autoantibodies of human and animal origin-Limitations detecting beta1-adrenoceptor 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 G-protein-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

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DOCUMENTS

- Data Sheet

GALLERY IMAGES

