

Beta-1 Adrenergic Receptor Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250919

Unit: 0.1 mg

Description:

The beta-1 adrenergic receptor (ADRB1) mediates the catecholamine-induced activation of adenylate cyclase through the action of G proteins. The receptor bind epinephrine and norepinephrine with similar affinities. Homologous desensitization of the receptor is mediated by its phosphorylation by beta-adrenergic receptor kinase.

Isotype: Rabbit Ig

Applications: E, IF, IHC, WB

Species Reactivity: D, H, M, P, R

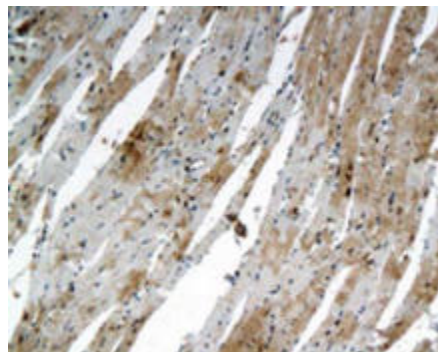
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 0.1 mg/ml BSA, 25% glycerol with 0.09% sodium azide. Antibody was purified by Protein-A and immunogen affinity chromatography.

Alternate Names: Beta-1 adrenergic receptor; Beta-1 adrenoreceptor; Beta-1 adrenoreceptor; ADRB1; ADRB1R; B1AR

Accession No.: P08588

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ADRB1.

Application Notes: E: 1:500-1:1,000; WB: 1:200-1:500; IHC: 1:200-1:500; IF: 1:200-1:500



Beta-1 Adrenergic Receptor staining in rat heart. Paraffin-embedded rat heart is stained with the Beta-1 Adrenergic Receptor Antibody (Cat. No. 250919) used at 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

Product Citations: Stiles J et al. 2013. PLoS ONE. 8(3):e60021. PMID# 23555867

For research use only, not for diagnostic or therapeutic procedures.