

# AR-Beta1 Polyclonal Antibody

## Description

Product type Primary Antibody

Code BT-AP00652

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human ADRB1. AA range:281-330

Mol wt 51323

Species reactivity Human, Mouse, Rat

**Clonality** Polyclonal

Recommended application WB, IHC-p, IF, ELISA

Concentration 1 mg/ml

Full name AR-beta1 Antibody

Synonyms ADRB1; ADRB1R; B1AR; Beta-1 adrenergic receptor; Beta-1 adrenoreceptor; Beta-1 adrenoceptor

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

## Background

The adrenergic receptors (subtypes alpha 1, alpha 2, beta 1, and beta 2) are a prototypic family of guanine nucleotide binding regulatory protein-coupled receptors that mediate the physiological effects of the hormone epinephrine and the neurotransmitter norepinephrine. Specific polymorphisms in ADRB1 have been shown to affect the resting heart rate and can be involved in heart failure.

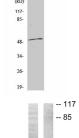
#### Recommended Dilution

WB: 1: 500 - 1: 2000 IHC: 1: 100 - 1: 300 IF: 1: 200 - 1: 1000 ELISA: 1: 20000

Not yet tested in other applications.

#### **Images**

ADRB1 --



-- 48 -- 34 -- 26 -- 19 (kD) Western Blot analysis of various cells using AR-\$1 Polyclonal Antibody

Western blot analysis of lysates from HT-29 cells, using ADRB1 Antibody. The lane on the right is blocked with the synthesized peptide.

# Storage

-20°C for one year

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