

# Arrestin-Beta-1 Polyclonal Antibody

### Description

Product type Primary Antibody

Code BT-AP00631

**Host** Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human ARRB1. AA range:369-418

Mol wt 47066

Species reactivity Human, Mouse, Rat

Clonality Polyclonal

Recommended application WB, IHC-p, IF, ELISA

Concentration 1 mg/m

Full name Arrestin-beta-1 Antibody

Synonyms ARRB1; ARR1; Beta-arrestin-1; Arrestin beta-1

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

#### Background

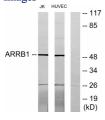
Members of arrestin/beta-arrestin protein family are thought to participate in agonist-mediated desensitization of G-protein-coupled receptors and cause specific dampening of cellular responses to stimuli such as hormones, neurotransmitters, or sensory signals. Arrestin beta 1 is a cytosolic protein and acts as a cofactor in the beta-adrenergic receptor kinase (BARK) mediated desensitization of beta-adrenergic receptors. Besides the central nervous system, it is expressed at high levels in peripheral blood leukocytes, and thus the BARK/beta-arrestin system is believed to play a major role in regulating receptor-mediated immune functions. Alternatively spliced transcripts encoding different isoforms of arrestin beta 1 have been described.

### Recommended Dilution

WB: 1: 500 - 1: 2000 IHC: 1: 100 - 1: 300 IF: 1: 200 - 1: 1000 ELISA: 1: 10000

Not yet tested in other applications.

## Images



Western blot analysis of lysates from Jurkat and HUVEC cells, using ARRB1 Antibody. The lane on the right is blocked with the synthesized peptide.

#### Storage

-20°C for one year