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ARRB2 (N) Antibody, Rabbit Polyclonal

Cat#: R1474-1

Quantity: 100 ul

Predicted | Observed M.W.: 46 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: P32121

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 2 (ARRB2), like arrestin beta 1, was shown to inhibit beta-adrenergic receptor function *in vitro*. It is expressed at high levels in the central nervous system and may play a role in the regulation of synaptic receptors. Besides the brain, a cDNA for arrestin beta 2 was isolated from thyroid gland, and thus it may also be involved in hormone-specific desensitization of TSH receptors.

Other Names:

Beta-arrestin-2, Arrestin beta-2, ARR2, BARR2, DKFZp686L0365

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human ARRB2. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human, Mouse

Tested Applications:

WB: 1:1,000-1:3,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

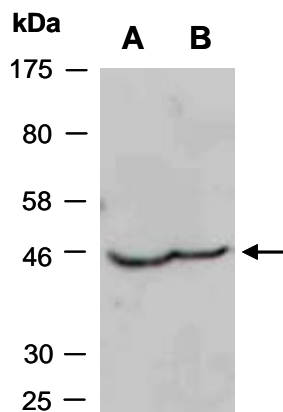


Fig 1. Western blot of total cell extracts from A) mouse brain, B) mouse thymus; using anti-ARRB2 (N) (R1474-1) at RT for 2 h.