



Order: (888)-282-5810 (Phone)
(818)-707-0392 (Fax)
order@abiocode.com
Web: www.Abiocode.com

ARRB1 (N) Antibody, Rabbit Polyclonal

Cat#: R1470-1

Quantity: 100 ul

Predicted | Observed MW: 47 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: P49407

Background:

Beta-arrestin-1 (ARRB1) is a cytosolic protein that belongs to the arrestin family. Beta arrestins function in regulating agonist-mediated G-protein coupled receptor (GPCR) signaling by mediating both receptor desensitization and resensitization processes. It is involved in IL8-mediated granule release in neutrophils. Beta-arrestin-1 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.

Other Names:

Beta-arrestin-1, Arrestin beta-1, ARR1

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with GST-fusion proteins containing the N-terminal region of human ARRB1, and provided as whole antiserum.

Storage Buffer and Condition:

Supplied as whole rabbit serum containing 30% Glycerol and 0.01% NaN₃. Store at -20°C. Stable for 6 months from date of receipt.

Species Specificity:

Human

Tested Applications:

WB: 1:1,000-1:5,000 (detect endogenous protein*)

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

Product Data:

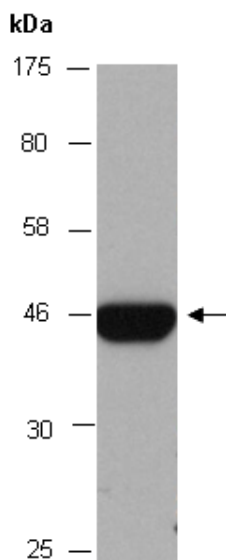


Fig 1. Western blot of total cell extracts from human MCF7, using Ab (R1470-1) at RT for 2 h.