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(818)-707-0392 (Fax)
order@abiocode.com
Web: www.Abiocode.com

AXIN2 (vPair™) Antibodies

Cat#: R0829-vp

Lot#: Refer to vial

Predicted M.W.: 94 kDa

Uniprot ID: Q9Y2T1

Application: WB

Quantity: 50 ul AXIN2 (C1) (R0829-2) Rabbit Polyclonal Antibody &
50 ul AXIN2 (C2) (R0829-3) Rabbit Polyclonal Antibody

Product Introduction:

vPair™ antibodies represent a pair of fully characterized antibodies that recognize two different regions of a target protein. The product is developed by Abiocode to address whether the signal observed truly represents the protein of interest, an often encountered issue in antibody-based assays. The use of a pair of fully characterized vPair™ antibodies in the same assay can validate signal specificity since vPair™ antibodies recognize two independent epitopes of the same protein. Different sets of vPair™ antibodies are developed at Abiocode to work with specific applications, including antibody arrays, Western blot, IP-Western, ChIP, IHC, and FACS.

Background:

Axin-2 (AXIN2) may act as an inhibitor of the Wnt signaling pathway by down-regulating beta-catenin. The deregulation of beta-catenin has been implicated as an important event in the development of a number of malignancies. Defects in AXIN2 are involved in colorectal cancer (CRC) and oligodontia-colorectal cancer syndrome (ODCRCS).

Other Names:

Axin-2, Axin-like protein, Axil, Axis inhibition protein 2, Conductin

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing two distinct C-terminal regions [AXIN2 (C1) (R0829-2); AXIN2 (C2) (R0829-3)] of human AXIN2. 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

Tested Applications:

WB: 1:500-1:1,000 (detect endogenous protein*)

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

Product Data:

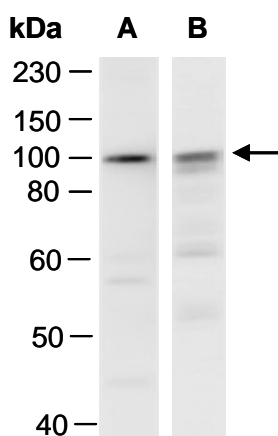


Fig 1. Western blot of total cell extracts from human Jurkat, using 2 independent antibodies against two distinct C-terminal regions of human AXIN2 (A: R0829-2; B: R0829-3) at RT for 2 h.