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LHX2 (vPair™) Antibodies

Cat#: R1967-vp

Lot#: Refer to vial

Predicted | Observed M.W.: 44 | 58 kDa

Uniprot ID: P50458

Application: WB

Quantity: 50 ul LHX2 (N) (R1967-1) Rabbit Polyclonal Antibody &

50 ul LHX2 (C) (R1967-2) 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:

LIM/homeobox protein Lhx2 (LHX2) acts as a transcriptional activator. LIM-Hox genes function to stimulate the promoter of the alpha-glycoprotein gene. They are transcriptional regulatory proteins involved in the control of cell differentiation in developing lymphoid and neural cell types.

Other Names:

LIM/homeobox protein Lhx2, Homeobox protein LH-2, LIM homeobox protein 2, LH2

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with GST-fusion proteins containing either the N-terminal [LHX2 (N) (R1967-1)] or the C-terminal [LHX2 (C) (R1967-2)] region of human LHX2. 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:

LHX2 (N) (R1967-1): Human, Mouse

LHX2 (C) (R1967-2): Human

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:

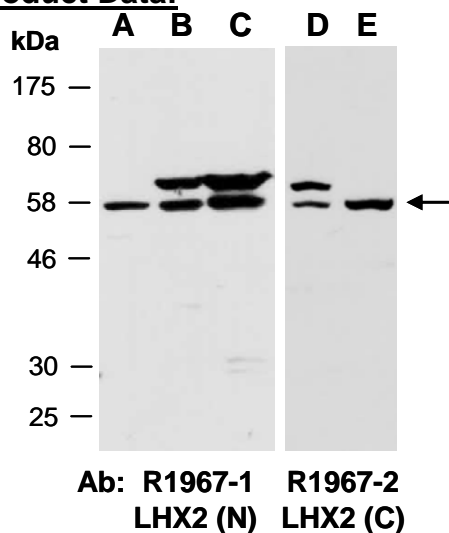


Fig 1. Western blot of total cell extracts from (A) mouse thymus, (B, D) human HeLa, (C, E) human Jurkat; using 2 independent Abs against 2 distinct regions of human LHX2 at RT for 2 h.