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SOX9 (vPair™) Antibodies

Cat#: R0837-vp

Lot#: Refer to vial

Predicted | Observed MW: 56 | 70 kDa

Uniprot ID: P48436

Application: WB

Quantity: 50 ul SOX9 (M) (R0837-2) Rabbit Polyclonal Antibody &
50 ul SOX9 (C) (R0837-3) 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:

Transcription factor SOX-9 is a nucleic protein that plays an important role in the normal skeletal development. SOX9 contains 1 HMG box DNA-binding domain. It acts during chondrocyte differentiation and, with steroidogenic factor 1, regulates transcription of the anti-Muellerian hormone (AMH) gene. Defects in SOX9 are the cause of campomelic dysplasia (CMD1) and 46,XX sex reversal type 2 (SRXX2).

Other Names:

Transcription factor SOX-9

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing either the middle [SOX9 (M) (R0837-2)] or the C-terminal [SOX9 (C) (R0837-3)] region of human SOX9. 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.

For research use only. Not for therapeutic or diagnostic purposes.
Abiocode, Inc., 29397 Agoura Rd., Ste 106, Agoura Hills, CA 91301

Species Specificity:

Human

Tested Applications:

WB: 1:500-1:2,000 (detect endogenous protein*)

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

Product Data:

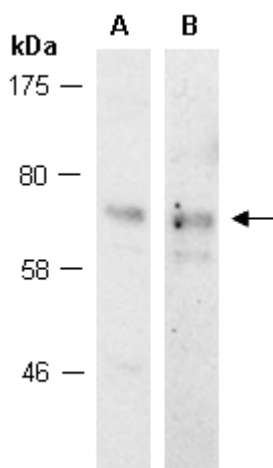


Fig 1. Western blot of total cell extracts from human HepG2, using (A) Ab (R0837-2) and (B) Ab (R0837-3) at RT for 2 h.