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

TBX18 (vPair™) Antibodies

Cat#: R1840-vp **Lot#: Refer to vial**

Predicted | Observed M.W.: 65 kDa **Uniprot ID: O95935**

Application: WB

Quantity: 50 ul TBX18 (N) (R1840-1) Rabbit Polyclonal Antibody &

50 ul TBX18 (C) (R1840-2) 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:

T-box transcription factor TBX18 belongs to the T-box gene family. It functions as a transcriptional regulator in the development process. TBX18 has been shown to play a role in the inducing cardiomyocytes into pacemaker cells of the sinoatrial node. It is expressed in the left ventricle and the interventricular septum of the heart. TBX18 also plays a role in regulating the development of ureteral mesenchyme.

Other Names:

T-box transcription factor TBX18, T-box protein 18

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with GST-fusion proteins containing either the N-terminal [TBX18 (N) (R1840-1)] or the C-terminal [TBX18 (C) (R1840-2)] region of human TBX18. 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% NaN_3. Store at -20 °C. Stable for 6 months from date of receipt.

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Species Specificity:

TBX18 (N) (R1840-1): Human
TBX18 (C) (R1840-2): 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:

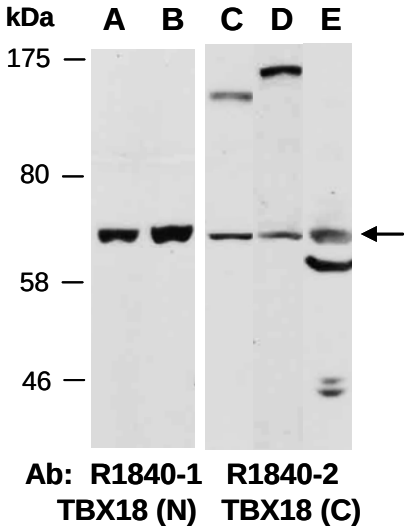

Fig 1. *Western blot of total cell extracts from (A, C) human HeLa, (B, D) human Jurkat, (E) mouse brain; using 2 independent Abs agasinst 2 distinct regions of human TBX18 at RT for 2 h.*