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EBF4 (vPair™) Antibodies

Cat#: R0795-vp

Lot#: Refer to vial

Predicted | Observed M.W.: 64, 68 | 60, 68 kDa

Uniprot ID: Q9BQW3

Application: WB

Quantity: 50 ul EBF4 (C2) (R0795-2) Rabbit Polyclonal Antibody &
50 ul EBF4 (C3) (R0795-3) 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 Early B-cell factor 4 (EBF4) is also known as COE4, which belongs to the conserved Olf/EBF family of helix-loop-helix transcription factors, members of which play important roles in neural development and B-cell maturation. EBF4 recognizes variations of the palindromic sequence 5'-ATTCCCNNGGGAATT-3'.

Other Names:

Transcription factor COE4, Early B-cell factor 4, EBF-4, Olf-1/EBF-like 4, O/E-4, OE-4, COE4, KIAA1442

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing rabbit with GST-fusion proteins containing two distinct C-terminal regions of human EBF4. 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, 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:

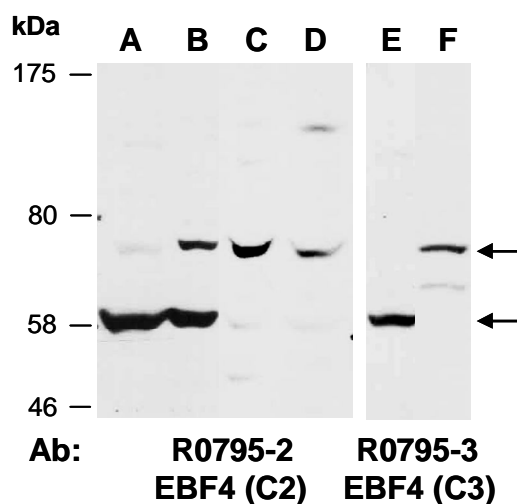


Fig 1. Western blot of total cell extracts from (A, E) mouse brain, (B) mouse thymus, (C) human HeLa, (D, F) human Jurkat; using 2 independent Abs against 2 distinct regions of human EBF4 at RT for 2 h. The 60 kD and 68 kD bands may represent different isoforms of EBF4 differentially expressed in various tissues/cells.