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

ACTN1 (vPair™) Antibodies

Cat#: R2489-vp **Lot#: Refer to vial**

Predicted I Observed M.W.: 103 kDa **Uniprot ID: P12814**

Application: WB

Quantity: 50 ul ACTN1 (M) (R2489-1) Rabbit Polyclonal Antibody &
50 ul ACTN1 (C) (R2489-2) 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:

Alpha-actinin-1 (ACTN1) is a bundling protein belonging to the alpha-actinin family. ACTN1 is an F-actin cross-linking protein which is thought to anchor actin to a variety of intracellular structures.

Other Names:

Alpha-actinin-1, Alpha-actinin cytoskeletal isoform, F-actin cross-linking protein, Non-muscle alpha-actinin-1

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with GST-fusion proteins containing either the middle [ACTN1 (M) (R2489-1)] or the C-terminal [ACTN1 (C) (R2489-2)] region of human ACTN1. 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:

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:

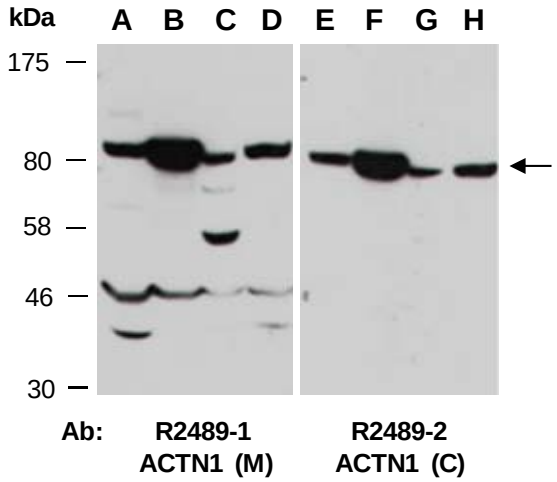

Fig 1. *Western blot of total cell extracts from A, E) mouse brain, B, F) mouse thymus, C, G) human HeLa, D, H) human Jurkat; using 2 independent Abs against 2 distinct regions of human ACTN1 at RT for 2 h.*