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

HECTD3 (vPair™) Antibodies

Cat#: R0939-vp   **Lot#: Refer to vial**

Predicted I Observed M.W.: 97 kDa   **Uniprot ID: Q5T447**

Application: WB

Quantity: 50 ul HECTD3 (N) (R0939-1) Rabbit Polyclonal Antibody &

                        50 ul HECTD3 (C) (R0939-2) 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:

E3 ubiquitin-protein ligase HECTD3 accepts ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates. HECTD3 mediates ubiquitination of TRIOBP and its subsequent proteasomal degradation, thus faciliting cell cycle progression by regulating the turn-over of TRIOBP.

Other Names:

E3 ubiquitin-protein ligase HECTD3, HECT domain-containing protein 3, HECTD3

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with GST-fusion proteins containing either the N-terminal [HECTD3 (N) (R0939-1)] or the C-terminal [HECTD3 (C) (R0939-2)] region of human HECTD3. 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:
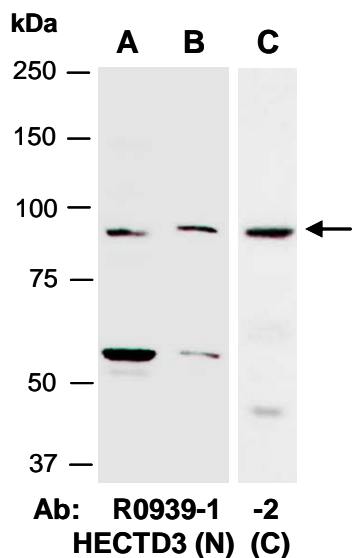
Human, Mouse

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, C) human HeLa, (B) human Jurkat; using 2 independent Abs against 2 distinct regions of human HECTD3 at RT for 2 h.*

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