



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

EZH2 (vPair™) Antibodies

Cat#: R0148-vp

Lot#: Refer to vial

Predicted M.W.: 85 kDa

Uniprot ID: Q15910

Application: WB

Quantity: 50 ul EZH2 (N) (R0148-1) Rabbit Polyclonal Antibody &

50 ul EZH2 (M) (R0148-2) 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:

Enhancer of zeste homolog 2 (EZH2) belongs to the Polycomb-group (PcG) family. Members from this family form multimeric protein complexes, which play a role in maintaining the transcriptional repressive state of genes over successive cell generations. EZH2 interacts with the embryonic ectoderm development protein, the VAV1 oncoprotein, and the X-linked nuclear protein. The complex it forms with EED/PRC2 promotes the methylation of 'Lys-9' and 'Lys-27' of histone H3, which in turn leads to the transcriptional repression of the target genes.

Other Names:

ENX-1, ENX1, EZH1, KMT6, KMT6A, MGC9169, Histone-lysine N-methyltransferase EZH2, Lysine N-methyltransferase 6

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing either the N-terminal [EZH2 (N) (R0148-1)] or the middle [EZH2 (M) (R0148-2)] regions of human EZH2. Antibodies were purified by affinity purification using immunogen.



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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

Tested Applications:

WB: 1:1,000-1:5,000 (detect recombinant protein)

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

Product Data:

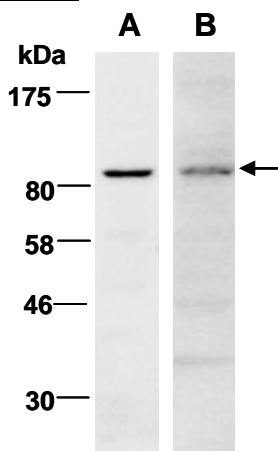


Fig 1. Western blot of total cell extracts from human HeLa , using 2 independent Abs against 2 distinct regions of human EZH2 [A: R0148-1 (N-terminal); B: R0148-2 (middle)] at RT for 2 h.

Last Update: 08/2011

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