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RPA2 (vPair™) Antibodies

Cat#: R1610-vp

Uniprot ID: P15927

Predicted | Observed M.W.: 30 kDa

Quantity: 50 ul RPA2 (M) (R1610-1) Rabbit Polyclonal Antibody &

50 ul RPA2 (C) (R1610-2) Rabbit Polyclonal Antibody

Lot#: Refer to vial

Application: WB

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:

RPA2 is required for DNA recombination, repair and replication. RPA2 functions as component of the alternative replication protein A complex, which binds single-stranded DNA and plays a role in DNA repair.

Other Names:

REPA2, RPA32, RPA34

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with GST-fusion proteins containing either the middle region [RPA2 (M) (R1610-1)] or the C-terminal region [RPA2 (C) (R1610-2)] of human RPA2. 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

For research use only. Not for therapeutic or diagnostic purposes.
Abiocode, Inc., 29397 Agoura Rd., Ste 106, Agoura Hills, CA 91301

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:

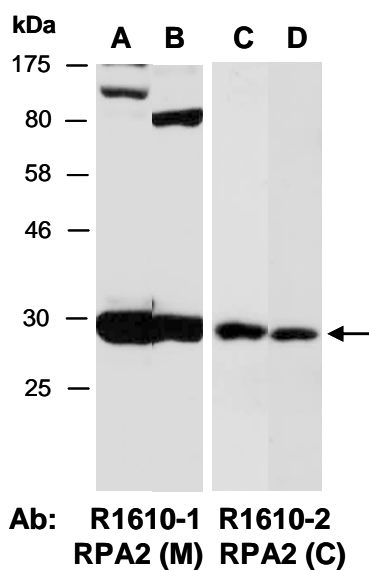


Fig 1. Western blot of total cell extracts from (A, C) mouse thymus, (B) human MDA-MB231; using 2 independent Abs against 2 distinct regions of human RPA2 at RT for 2 h.