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NONO (vPair™) Antibodies

Cat#: R2509-vp

Lot#: Refer to vial

Predicted | Observed M.W.: 54 kDa

Uniprot ID: Q15233

Application: WB

Quantity: 50 ul NONO (N) (R2509-1) Rabbit Polyclonal Antibody &
50 ul NONO (C) (R2509-2) 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:

Non-POU domain-containing octamer-binding protein (NONO) is a DNA- and RNA binding protein, involved in several nuclear processes. NONO binds the conventional octamer sequence in double-stranded DNA. NONO also binds single-stranded DNA and RNA at a site independent of the duplex site. Additionally, NONO is involved in pre-mRNA splicing, probably as a heterodimer with SFPQ.

Other Names:

Non-POU domain-containing octamer-binding protein, NonO protein, 54 kDa nuclear RNA- and DNA-binding protein, 55 kDa nuclear protein, DNA-binding p52/p100 complex, 52 kDa subunit, NMT55, p54(nrb), p54nrb, NRB54

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with GST-fusion proteins containing either the N-terminal [NONO (N) (R2509-1)] or the C-terminal [NONO (C) (R2509-2)] region of human NONO. 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.

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

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:

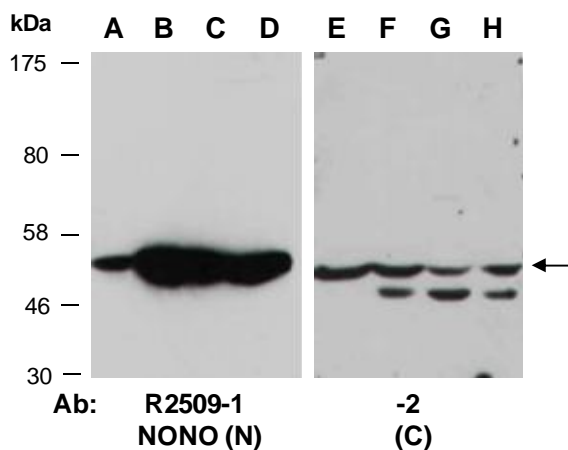


Fig 1. Western blot of total cell extracts from A, E) mouse brain, B, F) mouse thymus, C, G) human HeLa, D, H) human Jurkat; 2 independent Abs against 2 distinct regions of human NONO at RT for 2 h.