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## **NONO (N) Antibody, Rabbit Polyclonal**

**Cat#: R2509-1**

**Quantity: 100 ul**

**Predicted | Observed M.W.: 54 kDa**

**Lot#: Refer to vial**

**Application: WB**

**Uniprot ID: Q15233**

### **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 a GST-fusion protein containing the N-terminal 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% NaN<sub>3</sub>. Store at -20 °C. Stable for 6 months from date of receipt.

### **Species Specificity:**

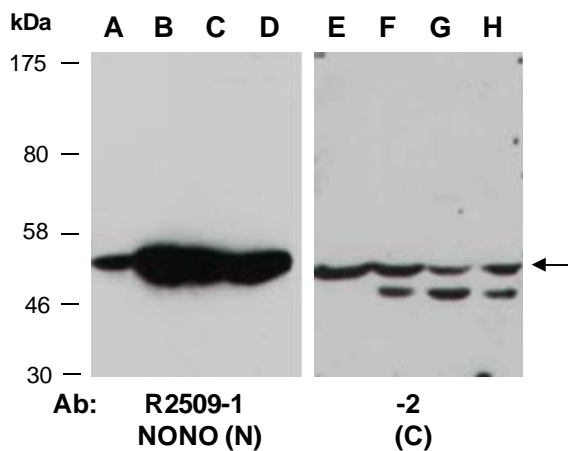
Human, Mouse

### **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.