



Everest Biotech Ltd  
Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD, United Kingdom

[everestbiotech.com](http://everestbiotech.com)

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel +44 1869 238326

Fax +44 1869 238327

**Research Use Only. Not for diagnostic or therapeutic use.**

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

## EB07246 - Goat Anti-NONO / p54NRB Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** non-Pou domain-containing octamer (ATGCAAAT) binding protein, non-POU-domain-containing, octamer-binding, Nuclear RNA-binding protein, 54-kD, P54, NRB54, NMT55, HGNC:7871, non-POU domain containing, octamer-binding, P54NRB, NONO

**Official Symbol:** NONO

**Accession Number(s):** NP\_031389.3

**Human GeneID(s):** [4841](#)

**Non-Human GeneID(s):** 53610 (mouse), 317259 (rat)

### Immunogen

Peptide with sequence C-NRAAPGAEFAPNK, from the C Terminus of the protein sequence according to NP\_031389.3.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:16000.

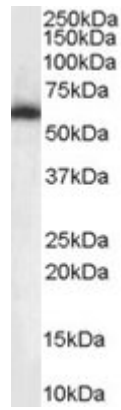
**Western blot:** Approx 60kDa band observed in Mouse Brain lysates (calculated MW of 54.2kDa according to Human NP\_031389.3 and 54.5kDa according to Mouse NP\_075633.2). In transfected HEK293 transiently expressing Human NONO a band of approx. 55kDa is observed. This band is not observed in the non-transfected HEK293. The endogenous 50kDa protein is observed in both. Recommended concentration: 0.1-0.3µg/ml.

**IHC:** In paraffin embedded Human Spleen shows nuclear staining in select splenocytes. Recommended concentration, 3-6µg/ml.

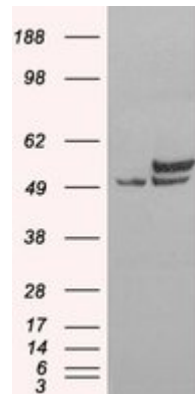
### Species Reactivity

**Tested:** Human, Mouse

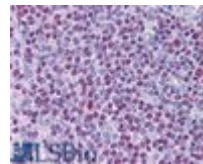
**Expected from sequence similarity:** Human, Mouse, Rat, Dog



EB07246 (0.1µg/ml) staining of mouse brain lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



HEK293 overexpressing Human NONO (RC206688) and probed with EB07246 (mock transfection in first lane), tested by Origene.



EB07246 (3.8µg/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.