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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.

Species Reactivity

Tested: Human, Mouse

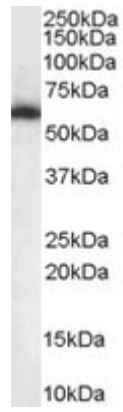
Expected from sequence similarity: Human, Mouse, Rat, Dog

Background Reference

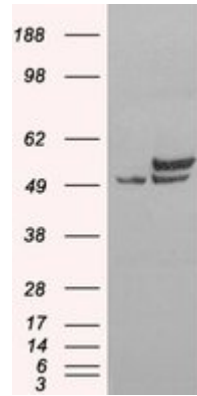
Brown SA, Ripperger J, Kadener S, Fleury-Olela F, Vilbois F, Rosbash M, Schibler U. PERIOD1-associated proteins modulate the negative limb of the mammalian circadian oscillator.

Science. 2005 Apr 29;308(5722):693-6.

PMID: 15860628



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.