

NonO Peptide

Subcategory: Synthetic Peptide, Blocking Peptide

Cat. No.: 350545

Unit: 0.1 mg

Description:

Non-POU domain-containing octamer-binding protein (NonO protein/p54nrb) is a DNA- and RNA-binding protein involved in several nuclear processes such as binding octamer sequence in dsDNA, pre-mRNA splicing, and interacting with U5 snRNA. NonO is found in paraspeckle bodies, which contain several RNA-binding proteins and nuclear-retained CTN-RNA. A chromosomal aberration involving NonO protein is a cause of colon carcinoma.

Format: Each vial contains 0.1 mg of lyophilized peptide. Reconstitute with 0.1 ml deionized water for a final concentration of 1 mg/ml. Use at 5.6 ug/ml for a 100X excess over antibody for maximum blocking effect.

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

Accession No.: Q15233

MW: 1917.1 g/mol

Sequence: The synthetic peptide used to raise the antibody Cat. No. 200183 is selected from a sequence within the C-term region of human NonO. For blocking experiments, a 10 to 100 fold molar excess to antibody is recommended.

Composition: C84H129N27O23S1

Purity: Purity > 80% by HPLC

Solubility: Distilled water for a solution up to 2 mg/ml, otherwise we recommend using acetonitrile.

Storage: Store at -20°C. The product is hygroscopic and must be protected from light. Product is guaranteed one year from the date of shipment. Following reconstitution, store at -20°C.

For research use only, not for diagnostic or therapeutic procedures.