



NONO mouse mAb

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| 货号 | YP-mAb-18137 |
| 同位型 | IgG |
| 应用 | WB |
| 种属 | Human;Mouse;Rat |
| 靶点 | NONO |
| 基因名称 | NONO NRB54 |
| 蛋白名称 | 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)) |
| 免疫原 | Synthesized peptide derived from human NONO |
| 特异性 | This antibody detects endogenous levels of NONO at Human, Mouse,Rat |
| 组成 | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| 来源 | Monoclonal, mouse,IgG |
| 稀释 | WB 1:500-2000 |
| 纯化工艺 | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. |
| 分子量 | 52kD |
| 功能 | DNA- and RNA binding protein, involved in several nuclear processes . Binds the conventional octamer sequence in double-stranded DNA . Also binds single-stranded DNA and RNA at a site independent of the duplex site . Involved in pre-mRNA splicing, probably as a heterodimer with SFPQ . Interacts with U5 snRNA, probably by binding to a purine-rich sequence located on the 3' side of U5 snRNA stem 1b . Together with PSPC1, required for the formation of nuclear paraspeckles . The SFPQ-NONO heteromer associated with MATR3 may play a role in nuclear retention of defective RNAs . The SFPQ-NONO heteromer may be involved in DNA unwinding by modulating the function of topoisomerase I/TOP1 . The SFPQ-NONO heteromer may be involved in DNA non-homologous end joining (NHEJ) required for double-strand break repair and V(D)J recombination and may stabilize paired DNA ends . In vitro, the complex strongly |
| 细胞定位 | Nucleus . Nucleus, nucleolus. Nucleus speckle . Chromosome . Detected in punctate subnuclear structures often located adjacent to splicing speckles, called paraspeckles. . |
| 组织表达 | Heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas. Also found in a number of breast tumor cell lines. |
| 浓度 | 1 mg/ml |
| 储存 | -15°C to -25°C/1 year(Do not lower than -25°C) |
| 有关注意事项 | Avoid repeated freezing and thawing! |



使用建议

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images