



NONO rabbit pAb

货号	YP-Ab-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	Polyclonal, Rabbit, IgG
稀释	WB 1:500-2000
纯化工艺	The antibody was affinity-purified from rabbit 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.

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