

p54nrb polyclonal antibody

Catalog: BS91006

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Found in both primary and transformed human cells, paraspeckles are discrete bodies in the interchromatin nucleoplasmic space which contain p54/nrb (nuclear RNA-binding protein) and at least two other RNA-binding proteins, paraspeckle protein 1 (PSP1) and paraspeckle protein 2 (PSP2). Paraspeckles often co-localize with splicing speckles, which are the site of splicing factor accumulation. Paraspeckle proteins, including p54/nrb, move dynamically between the nucleolus and paraspeckles and translocate to distinct caps in the nucleolar periphery when transcription is inhibited. Originally purified from HeLa cells, the nuclear p54/nrb has two RNA recognition motifs and shares extensive homology with both the human splicing factor PSF and Drosophila NONA/BJ6, which is required for normal vision and courtship. The shared domain between these proteins is termed a DBHS (Drosophila behavior, human splicing) domain and may play a role in regulating various pathways at the level of pre-mRNA splicing.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

54 kDa

Swiss-Prot:

Q15233(Human) Q99K48(Mouse) Q5FVM4(Rat)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:500-1:2,000

ICC:1:50

IHC:1:50-1:200

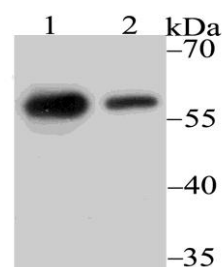
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C. Avoid repeated freeze / thaw cycles.

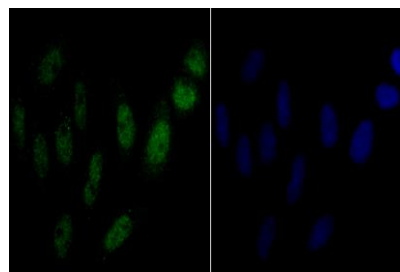
Specificity:

p54nrb polyclonal antibody detects endogenous levels of p54nrb protein.

DATA:



Western blot analysis of p54nrb on 293 (1) and SH-SY-5Y (2) cell lysate using anti-p54nrb antibody at 1/500 dilution.



ICC staining p54nrb in SiHa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Note:

For research use only, not for use in diagnostic procedure.

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