

Hel-N1 (S27) polyclonal antibody

Catalog: BS2299

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

The Elav-like genes encode for a family of RNA-binding proteins. Elav, a Drosophila protein and the first described member, is expressed immediately after neuroblastic differentiation into neurons and is necessary for neuronal differentiation and maintenance. Several mammalian Elav-like proteins, designated HuC, HuD and Hel-N1, are also expressed in postmitotic neurons. An additional mammalian homolog, HuR, which is also designated HuA, is ubiquitously expressed and is also over-expressed in a wide variety of tumors. Characteristically, these homologs all contain three RNA recognition motifs (RRM), and they specifically bind to AU-rich elements (ARE) in the 3'-untranslated region of mRNAs transcripts. ARE sites target mRNA for rapid degradation and thereby regulate the expression levels of genes involved in cell growth and differentiation.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 38 kDa

Swiss-Prot:

Q12926

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

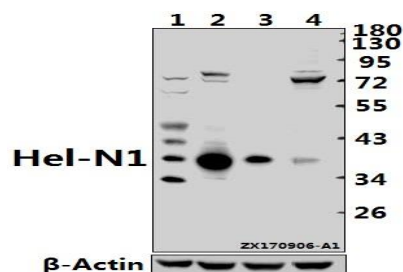
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Hel-N1 (S27) polyclonal antibody detects endogenous levels of HuB protein.

DATA:



Western blot (WB) analysis of Hel-N1 (S27) pAb at 1:500 dilution

Lane1: The Brain tissue lysate of Mouse (40ug)

Lane2: C6 whole cell lysate (40ug)

Lane3: U-87MG whole cell lysate (40ug)

Lane4: PC3 whole cell lysate (40ug)

Note:

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

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