hnRNP A1 (E85) polyclonal antibody

Catalog: BS2255 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

HnRNP A1 belongs to the A/B subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre mRNAs in the nucleus and appear to influence pre mRNA processing and other aspects of mRNA metabolism and transport. While all of the hnRNPs are present in the nucleus, some seem to shuttle between the nucleus and the cytoplasm. The hnRNP proteins have distinct nucleic acid binding properties. hnRNP A1 has two repeats of quasi RRM domains that bind to RNAs. It is one of the most abundant core proteins of hnRNP complexes and it is localized to the nucleoplasm. This protein, along with other hnRNP proteins, is exported from the nucleus, probably bound to mRNA, and is immediately re imported.

Product:

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

Molecular Weight:

~ 33 kDa

Swiss-Prot:

P09651

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

IHC: 1:50~1:200

IF: 1:50~1:200

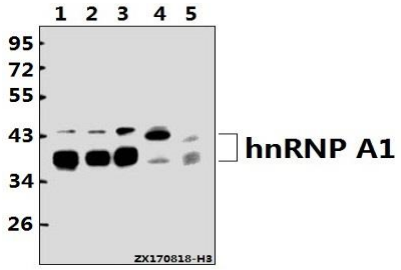
Storage&Stability:

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

Specificity:

hnRNP A1 (E85) polyclonal antibody detects endogenous levels of hnRNP A1 protein.

DATA:



Western blot (WB) analysis of hnRNP A1 (E85) pAb at 1:2000 dilution

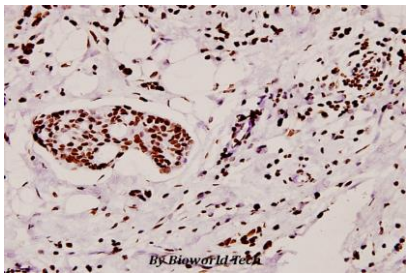
Lane1:L02 whole cell lysate(10ug)

Lane2:MCF-7 whole cell lysate(10ug)

Lane3:HEK293T whole cell lysate(10ug)

Lane4:The Lung tissue lysate of Mouse(40ug)

Lane5:The Lung tissue lysate of Rat(40ug)



Immunohistochemistry (IHC) analyzes of hnRNP A1 (E85) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

Note:

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

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