

Product Datasheet

hnRNP A1 Antibody

Catalog No: CY6867

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF FC



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Information

UniProt ID: P09651

All Names: HNRNPA 1; Helix destabilizing protein; Heterogeneous nuclear ribonucleoprotein A1B protein; Heterogeneous nuclear ribonucleoprotein B2 protein; hnRNP core protein A1; HNRNPA1; HNRPA1; Nuclear ribonucleoprotein particle A1 protein; Single strand DNA binding protein UP1;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 34 kDa

Application

WB 1:500~1:2000

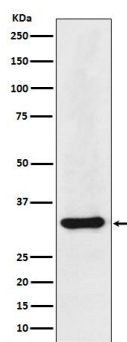
IHC 1:50~1:200

ICC/IF 1:50~1:200

FC 1:50

Background

hnRNP A1 regulates the alternative splicing of c-Src and c-H-Ras and modifies initiation of translation of the fibroblast growth factor 2 mRNA. hnRNP A1 expression level is elevated in many cancers; knockdown of hnRNP A1 leads to apoptosis in various cancer cells. Although predominantly nuclear, hnRNP A1 is continually transported from the nucleus to the cytoplasm where it disassociates from mRNA and is rapidly re-imported into the nucleus. hnRNP A1 binds to cis-acting repressive sequences (CRS) of HIV-1 to influence HIV-1 production. HIV-1 enhances hnRNP A1 expression and promotes the relocalization of hnRNP A1 to the cytoplasm.



Western blot analysis of hnRNP A1 expression in HepG2 cell lysate.

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