

35-1754: Polyclonal Antibody to hnRNP A1 (Ab-192)

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| Clonality : | Polyclonal |
| Application : | WB |
| Reactivity : | Human,Mouse,Rat |
| Gene : | HNRNPA1 |
| Gene ID : | 3178 |
| Uniprot ID : | P09651 |
| Format : | Purified |
| Alternative Name : | HNRPA1, HNRPA1L3, hnRNP A1, hnRNP-A1, MGC102835 |
| Isotype : | Rabbit IgG |
| Immunogen Information : | Peptide sequence around aa.190~194(S-S-S-Q-R)derived from Human hnRNP A1. |

Description

Heterogeneous nuclear ribonucleoprotein A1 (hnRNP A1) is a member of the hnRNP A/B family of related RNA binding proteins that bind pre-mRNA and are involved in the processing, metabolism and transport of nuclear pre-mRNA transcripts . hnRNP A1 regulates the alternative splicing of c-Src, 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 ,

Product Info

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| Amount : | 50 µl / 100 µl |
| Content : | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Storage condition : | Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles. |

Application Note

Predicted MW: 34, 39 kd, Western blotting: 1:500~1:1000

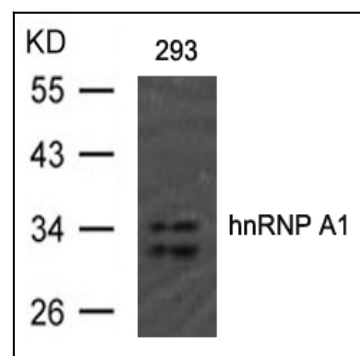


Figure 1: Western blot analysis of extract from 293 cells using hnRNP A1(Ab-192) Antibody 35-1754 .