

PACO21460

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## Product Information

**Size:**

100ul

**Reactivity:**

Human, Mouse, Rat

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB

**Recommended dilutions:**

ELISA:1:2000-1:10000, WB:1:500-1:1000

**Protein Background:**

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, Rooke, N. et al. (2003) Mol Cell Biol 23, 1874-84. Bonnal, S. et al. (2005) J Biol Chem 280, 4144-53.

**Gene ID:**

HNRNPA1

**Uniprot**

P09651

**Synonyms:**

HNRPA1; HNRPA1L3; hnRNP A1; hnRNP-A1; MGC102835

**Immunogen:**

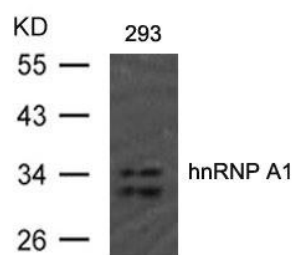
Peptide sequence around aa.190~194(S-S-S-Q-R)derived from Human hnRNP A1.

**Storage:**

Supplied at 1.0mg/mL in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

## Product Images

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Western blot analysis of extract from 293 cells using hnRNP A1(Ab-192) Antibody.