9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

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

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

Amount :	50 µl / 100 µl
Content :	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), 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

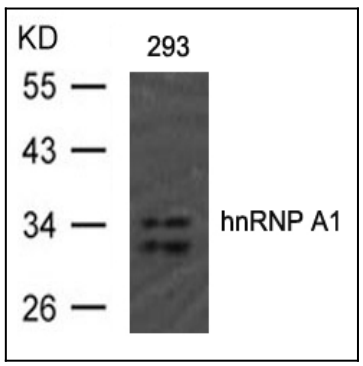

Figure 1: Western blot analysis of extract from 293 cells using hnRNP A1(Ab-192) Antibody 35-1754 .

For Research Use Only. Not for use in diagnostic/therapeutics procedures.