

HNRPA1 / HnRNP A1 Antibody (aa51-100)
Rabbit Polyclonal Antibody
Catalog # ALS14623**Specification**

HNRPA1 / HnRNP A1 Antibody (aa51-100) - Product Information

Application	IF, IHC
Primary Accession	P09651
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	39kDa KDa

HNRPA1 / HnRNP A1 Antibody (aa51-100) - Additional Information**Gene ID** 3178**Other Names**

Heterogeneous nuclear ribonucleoprotein A1, hnRNP A1, Helix-destabilizing protein, Single-strand RNA-binding protein, hnRNP core protein A1, Heterogeneous nuclear ribonucleoprotein A1, N-terminally processed, HNRNPA1, HNRPA1

Target/Specificity

hnRNP A1 Antibody detects endogenous levels of total hnRNP A1 protein.

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

HNRPA1 / HnRNP A1 Antibody (aa51-100) is for research use only and not for use in diagnostic or therapeutic procedures.

HNRPA1 / HnRNP A1 Antibody (aa51-100) - Protein Information**Name** HNRNPA1**Synonyms** HNRPA1**Function**

Involved in the packaging of pre-mRNA into hnRNP particles, transport of poly(A) mRNA from the nucleus to the cytoplasm and modulation of splice site selection (PubMed:17371836). Plays a role in the splicing of pyruvate kinase PKM by binding repressively to sequences flanking PKM exon 9, inhibiting exon 9 inclusion and resulting in exon 10 inclusion and production of the PKM M2 isoform (PubMed:20010808). Binds to the IRES and thereby inhibits the translation of the apoptosis protease activating factor APAF1 (PubMed:31498791). May bind to specific miRNA hairpins (PubMed:28431233).

Cellular Location

Nucleus. Cytoplasm Note=Localized in cytoplasmic mRNP granules containing untranslated mRNAs. Shuttles continuously between the nucleus and the cytoplasm along with mRNA. Component of ribonucleosomes (PubMed:17289661) Nucleus. Note=(Microbial infection) SARS coronavirus-2/SARS-CoV-2 ORF6 protein increases accumulation to the nucleus.

Volume

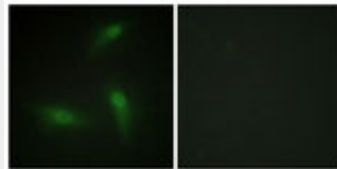
50 μ l

HNRPA1 / HnRNP A1 Antibody (aa51-100) - Protocols

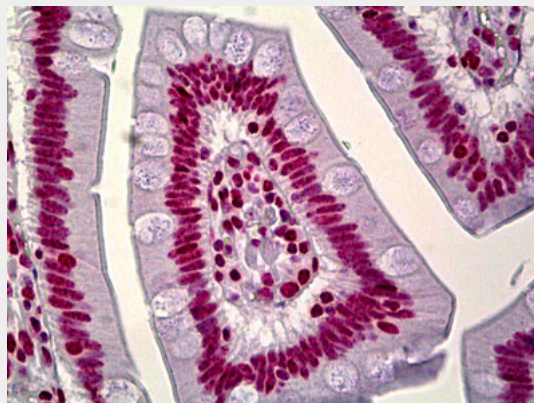
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HNRPA1 / HnRNP A1 Antibody (aa51-100) - Images



Immunofluorescence of HeLa cells, using hnRNP A1 Antibody.



Anti-HNRNPA1 / HnRNP A1 antibody IHC of human small intestine.

HNRPA1 / HnRNP A1 Antibody (aa51-100) - Background

Involved in the packaging of pre-mRNA into hnRNP particles, transport of poly(A) mRNA from the nucleus to the cytoplasm and may modulate splice site selection. May play a role in HCV RNA replication.

HNRPA1 / HnRNP A1 Antibody (aa51-100) - References

- Biamonti G.,et al.J. Mol. Biol. 207:491-503(1989).
Buvoli M.,et al.Nucleic Acids Res. 16:3751-3770(1988).
Knudsen S.M.,et al.Submitted (JUN-1994) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Scherer S.E.,et al.Nature 440:346-351(2006).