

hnRNP A1 Polyclonal Antibody
Catalog # AP70375**Specification****hnRNP A1 Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IF
Primary Accession	P09651
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

hnRNP A1 Polyclonal Antibody - Additional Information**Gene ID** 3178**Other Names**

HNRNPA1; HNRPA1; Heterogeneous nuclear ribonucleoprotein A1; hnRNP A1; Helix-destabilizing protein; Single-strand RNA-binding protein; hnRNP core protein A1

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.

IHC-P~~N/A

IF~~1:50~200

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

hnRNP A1 Polyclonal Antibody - 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).

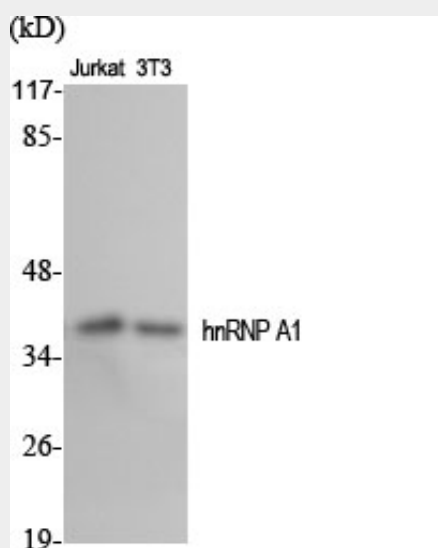
Cellular Location

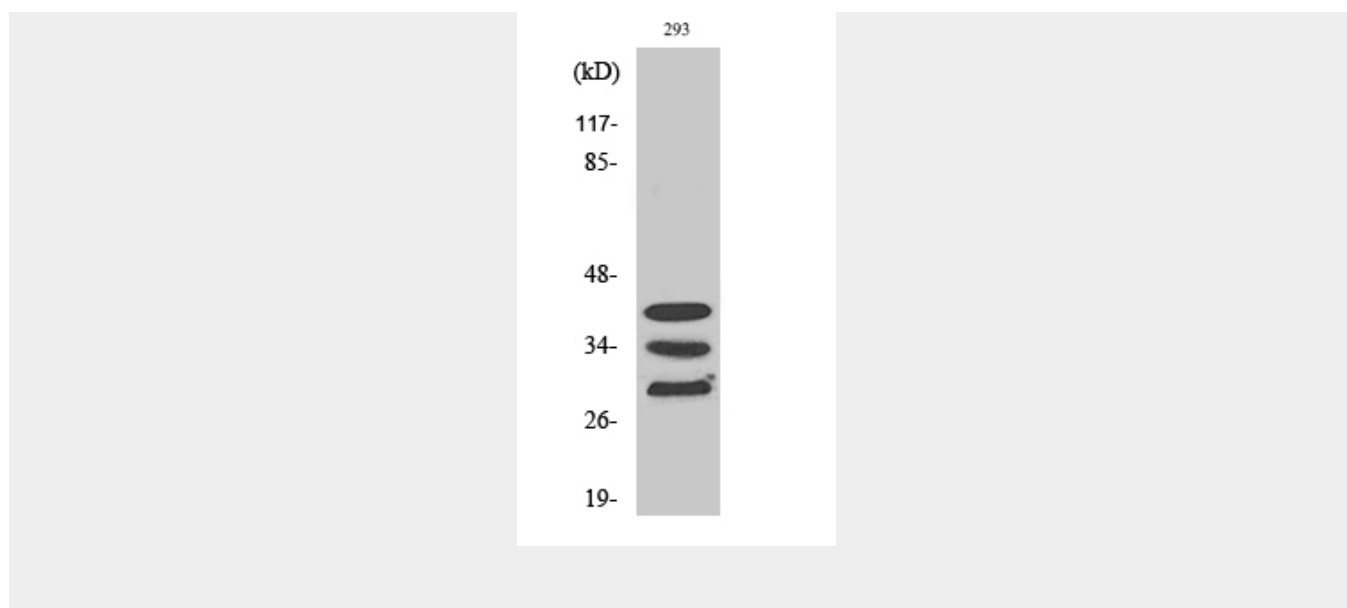
Nucleus. Cytoplasm Note=Localized in cytoplasmic mRNP granules containing untranslated mRNAs. Shuttles continuously between the nucleus and the cytoplasm along with mRNA. Component of ribonucleosomes (PubMed:17289661) Nucleus. Note=(Microbial infection) SARS coronavirus-2/SARS-CoV-2 ORF6 protein increases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

hnRNP A1 Polyclonal Antibody - 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](#)

hnRNP A1 Polyclonal Antibody - Images



hnRNP A1 Polyclonal Antibody - 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 (PubMed:17371836). May bind to specific miRNA hairpins (PubMed:28431233).