

Anti-HNRPA1 / HnRNP A1 Antibody (aa36-85)

Rabbit Anti Human Polyclonal Antibody

Catalog # ALS18046

Product Information

Application	WB, IHC-P, E
Primary Accession	P09651
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	38747

Additional Information

Gene ID	3178
Alias Symbol	HNRNPA1
Other Names	HNRNPA1, HNRPA1L3, HnRNP A1, HnRNP A1-like 3, HnRNP core protein A1, Helix-destabilizing protein, HNRPA1, HnRNP core protein A1-like 3, HnRNP-A1
Target/Specificity	HnRNP A1 antibody detects endogenous levels of hnRNP A1.
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-HNRPA1 / HnRNP A1 Antibody (aa36-85) is for research use only and not for use in diagnostic or therapeutic procedures.

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.