

hnRNP A1 Rabbit mAb

Catalog # AP77210

Product Information

Application	WB, IHC-P, IF, FC, ICC
Primary Accession	P09651
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human hnRNP A1
Purification	Affinity Chromatography
Calculated MW	38747

Additional Information

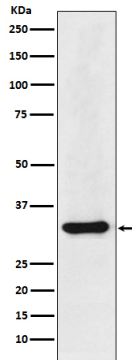
Gene ID	3178
Other Names	HNRNPA1
Dilution	WB~~1/500-1/1000 IHC-P~~N/A IF~~1:50~200 FC~~1:10~50 ICC~~N/A
Format	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

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.

Images



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