

hnRNP A1 (Ab-192) Conjugated Antibody

Catalog No: #C21555



Package Size: #C21555-AF350 100ul #C21555-AF405 100ul #C21555-AF488 100ul
 #C21555-AF555 100ul #C21555-AF594 100ul #C21555-AF647 100ul
 #C21555-AF680 100ul #C21555-AF750 100ul #C21555-Biotin 100ul

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Description

Product Name	hnRNP A1 (Ab-192) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total hnRNP A1 protein.
Immunogen Description	Peptide sequence around aa.190~194(S-S-S-Q-R)derived from Human hnRNP A1.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	HNRPA1;HNRPA1L3; hnRNP A1;hnRNP-A1;MGC102835
Accession No.	Swiss-Prot#:P09651NCBI Gene ID:3178NCBI mRNA#:NM_002136.2 NCBI Protein#:NP_002127.1
Uniprot	P09651
GeneID	3178;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	34, 39
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Product Description

Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.

Background

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 ,

Note: This product is for in vitro research use only