hnRNP A1 Conjugated Antibody

Catalog No: #C49562

Package Size: #C49562-AF350 100ul #C49562-AF405 100ul #C49562-AF488 100ul #C49562-AF555 100ul #C49562-AF594 100ul #C49562-AF647 100ul #C49562-AF680 100ul #C49562-AF750 100ul #C49562-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	hnRNP A1 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms,Rt
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	HNRNPA 1 antibody Helix destabilizing protein antibody Helix-destabilizing protein antibody Heterogeneous nuclear ribonucleoprotein A1 antibody Heterogeneous nuclear ribonucleoprotein A1B protein antibody Heterogeneous nuclear ribonucleoprotein B2 protein antibody Heterogeneous nuclear ribonucleoprotein core protein A1 antibody hnRNP A1 antibody hnRNP core protein A1 antibody HNRNPA1 antibody HNRPA1 antibody MGC102835 antibody Nuclear ribonucleoprotein particle A1 protein antibody ROA1_HUMAN antibody Single strand DNA binding protein UP1 antibody Single strand RNA binding protein antibody Single-strand RNA-binding protein antibody
Accession No.	Swiss-Prot#:P09651
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	33 kDa
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

Background

Heterogeneous nuclear ribonucleoproteins (hnRNPs) constitute a set of poly-peptides that contribute to mRNA transcription and pre-mRNA processing as well as mature mRNA transport to the cytoplasm and translation. They also bind heterogeneous nuclear RNA (hnRNA), which are the transcripts produced by RNA polymerase II. There are approximately 20 known hnRNP proteins, and their complexes are the major constituents of the spliceosome. The majority of hnRNP protein components are localized to the nucleus; however some shuttle between the nucleus and the cytoplasm. The A/B subfamily of hnRNPs include A1, A2/B1, A3 and A0, and in Xenopus, hnRNP A1, A2 and A3 are ubiquitously expressed throughout development as well as in adult tissues. hnRNP A1 and A2/B1 regulate the processing of pre-mRNA by directly antagonizing the association of various splicing factors and by influencing the splice site selection on pre-mRNA. The hnRNP A0 gene is distinct from the other A/B family members, and it encodes a low-abundance protein, which is implicated in mRNA stability.

Note: This product is for in vitro research use only