

hnRNP U Conjugated Antibody

Catalog No: #C49793



Package Size: #C49793-AF350 100ul #C49793-AF405 100ul #C49793-AF488 100ul  
#C49793-AF555 100ul #C49793-AF594 100ul #C49793-AF647 100ul  
#C49793-AF680 100ul #C49793-AF750 100ul #C49793-Biotin 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)  
Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

Description

Product Name	hnRNP U 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	Heterogeneous nuclear ribonucleoprotein U antibody hnRNP U antibody hnRNP U protein antibody HNRNPU antibody hnRNP U protein antibody HNRPU antibody HNRPU_HUMAN antibody p120 antibody p120 nuclear protein antibody pp120 antibody SAF A antibody SAF-A antibody SAFA antibody Scaffold attachment factor A antibody U21.1 antibody
Accession No.	Swiss-Prot#:Q00839
Uniprot	Q00839
GeneID	3192;
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	120 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

DNA- and RNA-binding protein involved in several cellular processes such as nuclear chromatin organization, telomere-length regulation, transcription, mRNA alternative splicing and stability, Xist-mediated transcriptional silencing and mitotic cell progression. Plays a role in the regulation of interphase large-scale gene-rich chromatin organization through chromatin-associated RNAs (caRNAs) in a transcription-dependent manner, and thereby maintains genomic stability. Plays a role as a RNA polymerase II (Pol II) holoenzyme transcription regulator. Promotes transcription initiation by direct association with the core-TFIID basal transcription factor complex for the assembly of a functional pre-initiation complex with Pol II in an actin-dependent manner. Blocks Pol II transcription elongation activity by inhibiting the C-terminal domain (CTD) phosphorylation of Pol II and dissociates from Pol II pre-initiation complex prior to productive transcription elongation. Positively regulates CBX5-induced transcriptional gene silencing and retention of CBX5 in the nucleus.

---

**Note:** This product is for in vitro research use only