

PRP19 Conjugated Antibody

Catalog No: #C48969



Package Size: #C48969-AF350 100ul #C48969-AF405 100ul #C48969-AF488 100ul

#C48969-AF555 100ul #C48969-AF594 100ul #C48969-AF647 100ul

#C48969-AF680 100ul #C48969-AF750 100ul #C48969-Biotin 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	PRP19 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	hPso4 antibody NMP200 antibody Nuclear matrix protein 200 antibody Nuclear matrix protein NMP200 related to splicing factor PRP19 antibody pre mRNA processing factor 19 antibody Pre-mRNA-processing factor 19 antibody PRP19 antibody PRP19/PSO4 homolog antibody PRP19/PSO4 pre-mRNA processing factor 19 homolog (S. cerevisiae) antibody PRP19_HUMAN antibody PRPF19 antibody PSO4 antibody psoralen 4 antibody Senescence evasion factor antibody SNEV antibody UBOX4 antibody
Accession No.	Swiss-Prot#:Q9UMS4
Uniprot	Q9UMS4
GeneID	27339;
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	55 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

The spliceosome, the 0gigantic molecular machine that performs pre-mRNA splicing in eukaryotes, contains over 200 different proteins and five RNA molecules (U1, U2, U4, U5 and U6). Pre-mRNA splicing is essential to remove internal non-coding regions of pre-mRNA (introns) and to join the remaining segments (exons) into mRNA before translation. The PRP19-associated complex is required for stable association of U5 and U6 with the spliceosome after U4 is released. Changes within the spliceosome upon binding of the PRP19-associated complex include remodeling of the U6/5' splice site interaction and destabilization of Lsm proteins to allow further interaction of U6 with the intron sequence.

Note: This product is for in vitro research use only