

SFPQ Conjugated Antibody

Catalog No: #C49785



Package Size: #C49785-AF350 100ul #C49785-AF405 100ul #C49785-AF488 100ul
 #C49785-AF555 100ul #C49785-AF594 100ul #C49785-AF647 100ul
 #C49785-AF680 100ul #C49785-AF750 100ul #C49785-Biotin 100ul

Orders: order@signalwayantibody.com
 Support: tech@signalwayantibody.com

Description

Product Name	SFPQ 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	100 kDa DNA pairing protein antibody 100 kDa DNA-pairing protein antibody 100 kDa subunit antibody DNA binding p52/p100 complex 100 kDa subunit antibody DNA-binding p52/p100 complex antibody hPOMP100 antibody Polypyrimidine tract binding protein associated splicing factor antibody Polypyrimidine tract-binding protein-associated-splicing factor antibody POMP100 antibody PPP1R140 antibody proline- and glutamine-rich antibody Protein phosphatase 1 regulatory subunit 140 antibody PSF antibody PTB associated splicing factor antibody PTB-associated-splicing factor antibody Sfpq antibody SFPQ_HUMAN antibody Splicing factor antibody Splicing factor proline and glutamine rich antibody Splicing factor proline/glutamine rich (polypyrimidine tract binding protein associated) antibody Splicing factor proline/glutamine rich antibody
Accession No.	Swiss-Prot#:P23246
Uniprot	P23246
GenID	6421;
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	100 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 nuclear processes. Essential pre-mRNA splicing factor required early in spliceosome formation and for splicing catalytic step II, probably as a heteromer with NONO. Binds to pre-mRNA in spliceosome C complex, and specifically binds to intronic polypyrimidine tracts. Involved in regulation of signal-induced alternative splicing. Interacts with U5 snRNA, probably by binding to a purine-rich sequence located on the 3' side of U5 snRNA stem 1b. May be involved in a pre-mRNA coupled splicing and polyadenylation process as component of a snRNP-free complex with SNRPA/U1A. The SFPQ-NONO heteromer associated with MATR3 may play a role in nuclear retention of defective RNAs. SFPQ may be involved in homologous DNA pairing; in vitro, promotes the invasion of ssDNA between a duplex DNA and produces a D-loop formation.

Note: This product is for in vitro research use only