Small nuclear ribonucleoprotein G Polyclonal Conjugated Antibody

Catalog No: #C42264

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Package Size: #C42264-AF350 100ul #C42264-AF405 100ul #C42264-AF488 100ul #C42264-AF555 100ul #C42264-AF594 100ul #C42264-AF647 100ul #C42264-AF680 100ul #C42264-AF750 100ul #C42264-Biotin 100ul

Description

Product Name	Small nuclear ribonucleoprotein G Polyclonal Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Small nuclear ribonucleoprotein G polyclonal antibody.
Immunogen Description	Recombinant human Small nuclear ribonucleoprotein G protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	snRNP-GoΩ½oΩ½Sm protein GoΩ½oΩ½Sm-GoΩ½oΩ½SmG
Accession No.	Swiss-Prot#:P62308
Uniprot	P62308
GeneID	6637;
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	8.4
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

Appears to function in the U7 snRNP complex that is involved in histone 3'-end processing. Associated with snRNP U1, U2, U4/U6 and U5.Component of the heptameric ring U7 snRNP complex, or U7 Sm protein core complex, at least composed of LSM10, LSM11, SNRPB, SNRPD3, SNRPE, SNRPF, SNRPG and U7 snRNA. Formation of the U7 snRNP is an ATP-dependent process mediated by a specialized SMN complex containing at least the Sm protein core complex and additionally, the U7-specific LSM10 and LSM11 proteins. Identified in the spliceosome C complex. Component of the U11/U12 snRNPs that are part of the U12-type spliceosome. Interacts with TACC1.

Note: This product is for in vitro research use only