

## SNUPN Conjugated Antibody

Catalog No: #C28329



Package Size: #C28329-AF350 100ul #C28329-AF405 100ul #C28329-AF488 100ul  
 #C28329-AF555 100ul #C28329-AF594 100ul #C28329-AF647 100ul  
 #C28329-AF680 100ul #C28329-AF750 100ul #C28329-Biotin 100ul

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## Description

Product Name	SNUPN Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	most applications
Species Reactivity	Hu,Ms,Rt
Immunogen Description	Recombinant fusion protein of human SNUPN (NP_005692.1).
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	SNUPN; KPNBL; RNUT1; Snurportin1; snurportin-1
Accession No.	Swiss-Prot#:O95149NCBI Gene ID:10073
Uniprot	O95149
GeneID	10073;
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	41kDa
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

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## Background

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The nuclear import of the spliceosomal snRNPs U1, U2, U4 and U5, is dependent on the presence of a complex nuclear localization signal. The latter is composed of the 5'-2,2,7-terminal trimethylguanosine (m3G) cap structure of the U snRNA and the Sm core domain. The protein encoded by this gene interacts specifically with m3G-cap and functions as an snRNP-specific nuclear import receptor. Alternatively spliced transcript variants encoding the same protein have been identified for this gene.

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Note: This product is for in vitro research use only