

Gemin 1 Conjugated Antibody

Catalog No: #C49931



Package Size: #C49931-AF350 100ul #C49931-AF405 100ul #C49931-AF488 100ul
 #C49931-AF555 100ul #C49931-AF594 100ul #C49931-AF647 100ul
 #C49931-AF680 100ul #C49931-AF750 100ul #C49931-Biotin 100ul

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

Description

Product Name	Gemin 1 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein within human Gemin 1 aa 1-200.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	BCD541 antibody Component of gems 1 antibody Gemin 1 antibody Gemin-1 antibody OTTHUMP00000125198 antibody OTTHUMP00000223567 antibody OTTHUMP00000223568 antibody OTTHUMP00000224066 antibody OTTHUMP00000226924 antibody SMA 1 antibody SMA 2 antibody SMA 3 antibody SMA 4 antibody SMA antibody SMA@ antibody SMA1 antibody SMA2 antibody SMA3 antibody SMA4 antibody SMN antibody SMN_HUMAN antibody SMN1 antibody SMN2 antibody SMNT antibody Survival motor neuron protein antibody Survival of motor neuron 1, telomeric antibody T-BCD541 antibody
Accession No.	Swiss-Prot#:Q16637
Uniprot	Q16637
GeneID	6606;6607;
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	32 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 SMN complex plays a catalyst role in the assembly of small nuclear ribonucleoproteins (snRNPs), the building blocks of the spliceosome. Thereby, plays an important role in the splicing of cellular pre-mRNAs. Ensures the correct splicing of U12 intron-containing genes that may be important for normal motor and proprioceptive neurons development. Also required for resolving RNA-DNA hybrids created by RNA polymerase II, that form R-loop in transcription terminal regions, an important step in proper transcription termination. May also play a role in the metabolism of small nucleolar ribonucleoprotein (snoRNPs).

Note: This product is for in vitro research use only