

SUN1 Conjugated Antibody

Catalog No: #C49956



Package Size: #C49956-AF350 100ul #C49956-AF405 100ul #C49956-AF488 100ul
 #C49956-AF555 100ul #C49956-AF594 100ul #C49956-AF647 100ul
 #C49956-AF680 100ul #C49956-AF750 100ul #C49956-Biotin 100ul

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 Support: tech@signalwayantibody.com

Description

Product Name	SUN1 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Rt
Immunogen Description	Recombinant protein corresponding to C-terminal human SUN1.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Protein unc-84 homolog A antibody Sad1 and UNC84 domain containing 1 antibody Sad1/unc 84 protein like 1 antibody Sad1/unc-84 protein-like 1 antibody Sun domain-containing protein 1 antibody Sun1 antibody SUN1_HUMAN antibody UNC 84 homolog A (C elegans) antibody UNC 84A antibody UNC84 A antibody UNC84 antibody UNC84 homolog A (C elegans) antibody UNC84A antibody
Accession No.	Swiss-Prot#:O94901
Uniprot	O94901
GeneID	23353;
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	90 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

UNC84A (UNC84 homolog A), also known as SUN1, is a multi-pass nuclear membrane protein that is involved in nuclear anchoring and migration. Highly expressed in heart, brain and testis, UNC84A functions as an A-type Lamin-binding protein that forms a link between the inner and outer nuclear envelope membranes. This link acts as a structural bridge between the nuclear interior and the Actin cytoskeleton and is essential for proper localization of nuclear envelope proteins. Additionally, UNC84A may be involved in telomere attachment and in normal testis development. UNC84A contains one UNC84 (SUN) domain and exists as four isoforms due to alternative splicing events.

Note: This product is for in vitro research use only