

ATP2A1/SERCA1 Conjugated Antibody

Catalog No: #C56484



Package Size: #C56484-AF350 100ul #C56484-AF405 100ul #C56484-AF488 100ul
 #C56484-AF555 100ul #C56484-AF594 100ul #C56484-AF647 100ul
 #C56484-AF680 100ul #C56484-AF750 100ul #C56484-Biotin 100ul

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

Description

Product Name	ATP2A1/SERCA1 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Species Reactivity	Human
Specificity	ATP2A1/SERCA1 Antibody detects endogenous levels of total ATP2A1/SERCA1
Immunogen Description	A synthesized peptide derived from human ATP2A1/SERCA1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	ATP2A; ATP2A1; SERCA1;
Accession No.	Uniprot:O14983
Uniprot	O14983
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	100kDa
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

Product Description

Key regulator of striated muscle performance by acting as the major Ca^{2+} ATPase responsible for the reuptake of cytosolic Ca^{2+} into the sarcoplasmic reticulum. Catalyzes the hydrolysis of ATP coupled with the translocation of calcium from the cytosol to the sarcoplasmic reticulum lumen. Contributes to calcium sequestration involved in muscular excitation/contraction.

Note: This product is for in vitro research use only