

bs-9855R-A488

• Rabbit Anti-SLN Polyclonal Antibody, Alexa Fluor 488 conjugated

Conjugated Primary Antibodies

Background:

Sarcolipin is a 31 amino acid integral membrane protein belonging to the sarcolipin family. The gene encoding for the protein maps to chromosome 11q22-q23. SLN, localizing to the sarcoplasmic reticulum, regulates Ca-ATPase activity in skeletal muscle. It associates with calcium ATPase SERCA1 (Sarco(endo)plasmic reticulum Ca²⁺-ATPases). In muscle tissue, SERCAs are regulated by sarcolipin and another membrane protein, phospholamban (PLN). SLN is expressed in high levels in fast-twitch muscle, which has high expression of SERCA1a, and in lower levels in cardiac muscle. In rats, however, expression of SLN is higher in cardiac muscle than in fast-twitch muscle.

Purification: Was purified by Protein A and peptide affinity chromatography.

Storage:

Aqueous buffered solution containing 100ug/ml BSA, 50% glycerol and less than 0.09% sodium azide. Store at -20°C for 12 months. Protect from light. [Product without BSA and/or sodium azide is available for special order.]

Reconstitution:

If the antibody is in liquid form, no reconstitution needed.

Reconstitution is only required for the lyophilized antibody. Please refer to the reconstitution instruction card in the package.

Size: 100ul

Concentration: 1ug/uL

Host: Rabbit

Reactivities:

Human, Mouse, Rat, Dog, Pig, Bovine, Rabbit,

Application:

- IF(1:50-200)
- Not yet tested in other applications. Optimal working dilutions must be determined by the end user.

Antibody Type: Polyclonal

Isotype: IgG

Molecular Weight: 3.7kDa

Note:

For research use only. CAUTION: Not for human or animal therapeutic or diagnostic use.

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