

## Anti-Syncoilin/SYNC Antibody Picoband® Fluoro488 Conjugated

Catalog Number: A06159-1-Fluoro488

### About SYNC

Syncoilin is a muscle-specific atypical type III intermediate filament protein encoded in the human by the gene SYNC. This gene encodes a member of the intermediate filament family which contains an N-terminal head domain, followed by a central coiled-coil region and a short C-terminal tail. The protein is highly expressed in skeletal and cardiac muscle. The protein links the dystrophin associated protein complex (DAPC) to desmin filaments in muscle and may have a structural role in striated muscle. Multiple transcript variants encoding different isoforms have been found for this gene.

### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-Syncoilin/SYNC Antibody Picoband® Fluoro488 Conjugated  |
| Reactive Species     | Human  |
| Application          | Recommended applications are based on the parent unconjugated antibody (ELISA, IF, ICC, WB). Customers may select suitable applications according to their experimental needs. |
| Clonality            | Polyclonal   |
| Formulation          | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> .   |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.   |
| Host                 | Rabbit   |
| Uniprot ID           | Q9H7C4   |

### Technical Details

|                     |  |
|---------------------|--|
| Immunogen           | E.coli-derived human Syncoilin/SYNC recombinant protein (Position: D11-Q479). Human SYNC shares 76.8% amino acid (aa) sequence identity with mouse SYNC. |
| Cross Reactivity    | No cross reactivity with other proteins.   |
| Isotype             | IgG  |
| Form                | Liquid   |
| Concentration       | 0.5 mg/mL  |
| Purification        | Immunogen affinity purified.   |
| Conjugate           | Fluoro488<br>Excitation Wavelength: 488 nm<br>Emission Wavelength: 515-545 nm  |
| Suggested Dilutions | Optimal dilutions should be determined by end users.   |

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Anti-Syncoilin/SYNC Antibody - Fluoro488

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