

SYNC antibody - N-terminal region

Rabbit Polyclonal Antibody Catalog # AI14992

Product Information

Application WB
Primary Accession Q9H7C4

Other Accession NM 001161708, NP 001155180

Reactivity Human
Predicted Human
Host Rabbit
Clonality Polyclonal
Calculated MW 55299

Additional Information

Gene ID 81493

Alias Symbol MGC149625, MGC149626, SYNC1, SYNCOILIN

Other Names Syncoilin, Syncoilin intermediate filament 1, Syncoilin-1, SYNC, SYNC1

Format Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium

azide and 2% sucrose.

Reconstitution & Storage Add 50 ul of distilled water. Final anti-SYNC antibody concentration is 1 mg/ml

in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C.

Avoid repeat freeze-thaw cycles.

Precautions SYNC antibody - N-terminal region is for research use only and not for use in

diagnostic or therapeutic procedures.

Protein Information

Name SYNC

Synonyms SYNC1

Function Atypical type III intermediate filament (IF) protein that may play a supportive

role in the efficient coupling of mechanical stress between the myofibril and fiber exterior. May facilitate lateral force transmission during skeletal muscle contraction. Does not form homofilaments nor heterofilaments with other IF

proteins.

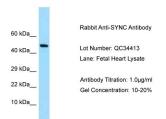
Cellular Location Cytoplasm, perinuclear region {ECO:0000250|UniProtKB:Q9EPM5}. Note=In

skeletal muscle, colocalizes with DES and DTNA, and is localized at the myotendinous and neuromuscular junctions, sarcolemma and Z-lines. In

References

Ota T., et al. Nat. Genet. 36:40-45(2004). Gregory S.G., et al. Nature 441:315-321(2006). Brown S.C., et al. Muscle Nerve 32:715-725(2005). Olsen J.V., et al. Sci. Signal. 3:RA3-RA3(2010).

Images



Host: Rabbit Target Name: SYNC Sample Tissue: Fetal Heart Antibody Dilution: 1.0µg/ml

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.