

SYNC antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14992**Specification**

SYNC antibody - N-terminal region - Product Information

Application	WB
Primary Accession	O9H7C4
Other Accession	NM_001161708 , NP_001155180
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	52kDa KDa

SYNC antibody - N-terminal region - 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.

SYNC antibody - N-terminal region - 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

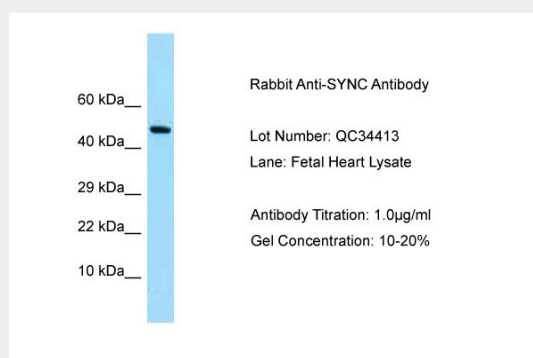
Cytoplasm, perinuclear region {ECO:0000250|UniProtKB:Q9EPM5}. Note=In skeletal muscle, colocalizes with DES and DTNA, and is localized at the myotendinous and neuromuscular junctions, sarcolemma and Z-lines. In myotubes, detected in a punctate cytoplasmic pattern (By similarity) {ECO:0000250|UniProtKB:Q9EPM5}

SYNC antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SYNC antibody - N-terminal region - Images



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

SYNC antibody - N-terminal region - 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).