

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

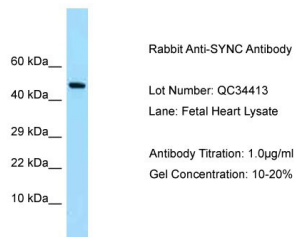
Name	SYNC
Synonyms	SYNC1
Function	Atypical type III intermediate filament (IF) protein that may play a supportive role in the efficient coupling of mechanical stress between the myofibril and fiber exterior. May facilitate lateral force transmission during skeletal muscle contraction. Does not form homofilaments 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

myotubes, detected in a punctate cytoplasmic pattern (By similarity)
{ECO:0000250|UniProtKB:Q9EPM5}

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'.