

Rabbit anti-Human SYNCI Polyclonal Antibody | anti-SYNC antibody

SYNCI Antibody (N-term)

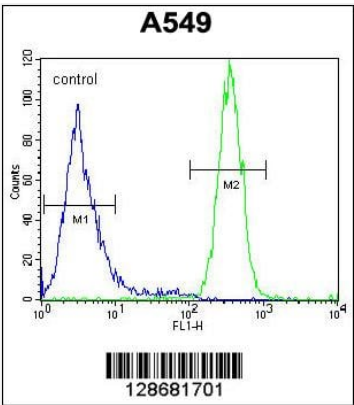
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289136	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

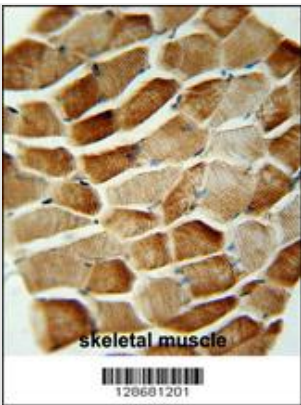
SYNCI; Polyclonal Antibody; SYNCI Antibody (N-term); Syncoilin; Syncoilin intermediate filament 1; Syncoilin-1; SYNC; SYNC1; anti-SYNC antibody

PRODUCT SPECIFICATIONS

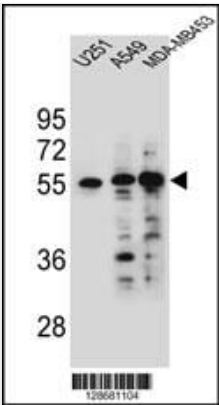
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SYNCI antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 129-158 amino acids from the N-terminal region of human SYNCI.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.42 (varies by lot)
Sequence Positions	129-158
Sequence Length	476
Applicable Applications for anti-SYNC antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
SYNCI Antibody (N-term) flow cytometric analysis of A549 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
SYNCI Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the SYNCI Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
SYNCI Antibody (N-term) western blot analysis in U251, A549 and MDA-MB453 cell line lysates (35ug/lane). This demonstrates the SYNCI antibody detected the SYNCI protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-SYNC antibody	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.
Product Categories/Family for anti-SYNC antibody	Signal Transduction
References	Wakayama, Y., et al. Int. J. Neurosci. 120(2):144-149(2010) Jordanova, A., et al. Nat. Genet. 38(2):197-202(2006) Brown, S.C., et al. Muscle Nerve 32(6):715-725(2005) Poon, E., et al. J. Biol. Chem. 277(5):3433-3439(2002) Newey, S.E., et al. J. Biol. Chem. 276(9):6645-6655(2001)

NCBI AND UNIPROT INFORMATION

NCBI GI #	239787821
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NCBI GeneID	81493
NCBI Accession #	NP_001155180.1; NP_110413.2
NCBI GenBank Nucleotide #	NM_001161708.1
UniProt Accession #	Q9H7C4; B4DNK8; B4DY58; C9IY41
Molecular Weight	55299
NCBI Official Full Name	syncoilin isoform 2
NCBI Official Synonym Full Names	syncoilin, intermediate filament protein
NCBI Official Symbol	SYNC
NCBI Official Synonym Symbols	SYNC1; SYNCOILIN
NCBI Protein Information	syncoilin
UniProt Protein Name	Syncoilin
UniProt Gene Name	SYNC
UniProt Synonym Gene Names	SYNC1
UniProt Entry Name	SYNCI_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/synci-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/289136>