

ARG40023
anti-NEXN / Nexilin antibodyPackage: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes NEXN / Nexilin
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	NEXN / Nexilin
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 516-675 of Human NEXN (NP_653174.3).
Conjugation	Un-conjugated
Alternate Names	Nexilin; F-actin-binding protein; Nelin; NELIN; CMH20

Application Instructions

Application table	Application	Dilution
	ICC/IF	
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Rat brain, Mouse testis and SGC-7901	
Observed Size	81 kDa	

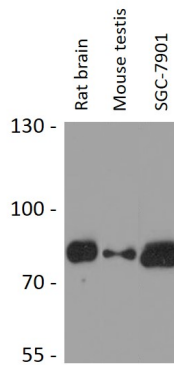
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	NEXN
Gene Full Name	nexilin (F actin binding protein)
Background	This gene encodes a filamentous actin-binding protein that may function in cell adhesion and migration. Mutations in this gene have been associated with dilated cardiomyopathy, also known as CMD1CC. Alternatively spliced transcript variants have been described.[provided by RefSeq, Feb 2010]
Function	Involved in regulating cell migration through association with the actin cytoskeleton. Has an essential role in the maintenance of Z line and sarcomere integrity. [UniProt]
Calculated Mw	81 kDa
Cellular Localization	Cytoplasm, cytoskeleton. Cell junction, adherens junction. Cytoplasm, myofibril, sarcomere, Z line. Note=Localizes to the cell-matrix AJ. Not found at the cell-cell AJ. [UniProt]

Images



ARG40023 anti-NEXN / Nexilin antibody WB image

Western blot: 25 µg of Rat brain, Mouse testis and SGC-7901 cell lysates stained with ARG40023 anti-NEXN / Nexilin antibody at 1:3000 dilution.