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Datasheet for ABIN6978522

## anti-Nesprin3 antibody (AA 201-300) (Alexa Fluor 555)

### Overview

Quantity:	100 µL
Target:	Nesprin3 (C14orf49)
Binding Specificity:	AA 201-300
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Nesprin3 antibody is conjugated to Alexa Fluor 555
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Nesprin 3
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

### Target Details

Target:	Nesprin3 (C14orf49)
Alternative Name:	Nesprin 3 ( <a href="#">C14orf49 Products</a> )
Background:	Synonyms: C14orf49, Chromosome 14 open reading frame 49, FLJ25605, MGC75267, Nesp3,

## Target Details

Nesprin3, Nesprin-3, NET53, Nuclear Envelope Spectrin Repeat Protein 3, Spectrin Repeat Containing, Nuclear Envelope Family Member 3, SYNE3, SYNE3\_HUMAN.

Background: As a component of the LINC (Linker of Nucleoskeleton and Cytoskeleton) complex involved in the connection between the nuclear lamina and the cytoskeleton. The nucleocytoplasmic interactions established by the LINC complex play an important role in the transmission of mechanical forces across the nuclear envelope and in nuclear movement and positioning. Probable anchoring protein which tethers the nucleus to the cytoskeleton by binding PLEC which can associate with the intermediate filament system. Plays a role in the regulation of aortic epithelial cell morphology, and is required for flow-induced centrosome polarization and directional migration in aortic endothelial cells

Gene ID: 161176

UniProt: [Q6ZMZ3](#)

Pathways: [Maintenance of Protein Location](#)

## Application Details

Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months