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Datasheet for ABIN6944256

**anti-Nesprin3 antibody (AA 201-300) (Biotin)**

## 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 Biotin
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## 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: WB 1:300-5000  
IHC-P 1:200-400  
IHC-F 1:100-500

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 for 12 months.

Expiry Date: 12 months