

**Anti-SYNE3 / C14orf49 Antibody (Internal)**  
**Rabbit Anti Human Polyclonal Antibody**  
**Catalog # ALS18230****Specification**

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**Anti-SYNE3 / C14orf49 Antibody (Internal) - Product Information**

Application	WB, IHC-P, IF, ICC
Primary Accession	<a href="#">Q6ZMZ3</a>
Predicted	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	112216

**Anti-SYNE3 / C14orf49 Antibody (Internal) - Additional Information****Gene ID** 161176**Alias Symbol** SYNE3**Other Names**

SYNE3, C14orf49, Nesp3, NET53, Nesprin-3

**Target/Specificity**

Recognizes endogenous levels of SYNE3 protein.

**Reconstitution & Storage**

Immunoaffinity purified

**Precautions**

Anti-SYNE3 / C14orf49 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

**Anti-SYNE3 / C14orf49 Antibody (Internal) - Protein Information****Name** SYNE3 ([HGNC:19861](#))**Function**

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.

**Cellular Location**

Nucleus outer membrane; Single-pass type IV membrane protein. Nucleus envelope. Rough endoplasmic reticulum

**Tissue Location**

Expressed in aortic endothelial cells (at protein level).

**Anti-SYNE3 / C14orf49 Antibody (Internal) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-SYNE3 / C14orf49 Antibody (Internal) - Images**