10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-SYNE3 / C14orf49 Antibody (Internal)

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18230

Specification

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

Application	**WB, IHC-P, IF, ICC**
Primary Accession	Q6ZMZ3
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 Cytomety
- Cell Culture

Anti-SYNE3 / C14orf49 Antibody (Internal) - Images