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Anti-SYNE3 / C14orf49 Antibody (Internal)

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18230

Product Information

Application	WB, IHC-P, IF, ICC
Primary Accession	Q6ZMZ3
Predicted	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	112216
Concentration (mg/ml)	1 mg/ml

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.

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).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.