

Anti-Nesprin3 Rabbit Monoclonal Antibody

Catalog # ABO16501

Product Information

Application	WB
Primary Accession	Q6ZMZ3
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-Nesprin3 Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human.

Additional Information

Gene ID	161176
Other Names	Nesprin-3, KASH domain-containing protein 3, KASH3, Nuclear envelope spectrin repeat protein 3, SYNE3 (HGNC:19861)
Calculated MW	112216
Application Details	WB 1:500-1:2000
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 30S37
Immunogen	A synthesized peptide derived from human Nesprin3
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

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.

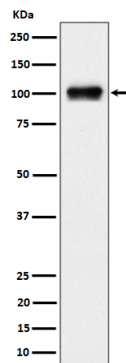
Cellular Location

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

Tissue Location

Expressed in aortic endothelial cells (at protein level).

Images



Western blot analysis of Nesprin3 expression in 293 cell lysate.

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