

Product Name: Nesprin3 (5G4) Rabbit Monoclonal Antibody
Catalog #: AMRe14568

Summary

Production Name	Nesprin3 (5G4) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
Purification	Affinity purification

Immunogen

Gene Name	SYNE3
Alternative Names	C14orf49; Nesp3; Nesprin 3; NET53; SYNE3;
Gene ID	161176.0
SwissProt ID	Q6ZMZ3.Recombinant protein of human Nesprin3

Application

Dilution Ratio	WB: 1:1000-1:2000
Molecular Weight	112kDa

Background

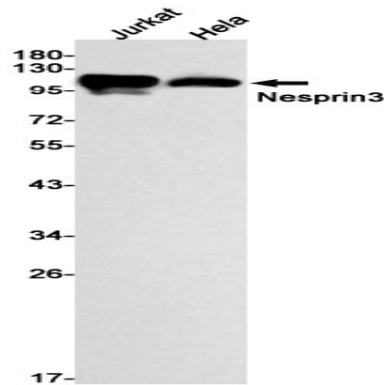
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Component of SUN-protein-containing multivariate complexes also called LINC complexes which link the nucleoskeleton and cytoskeleton by providing versatile outer nuclear membrane attachment sites for cytoskeletal filaments. Involved in the maintenance of nuclear organization and structural integrity. 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.

Research Area

Image Data



Western blot detection of Nesprin3 in Jurkat, HeLa cell lysates using Nesprin3 antibody (1:1000 diluted).

Note

For research use only.