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**Product Name: Nesprin3 Rabbit Monoclonal antibody****Catalog #: AMRe02333**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal Antibody
<b>Form</b>	Liquid
<b>Concentration</b>	0.18mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
<b>Purification</b>	Affinity Purified

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000
<b>Molecular Weight</b>	Calculated MW: 112 kDa; Observed MW: 112 kDa

**Antigen Information**

<b>Gene Name</b>	SYNE3
<b>Alternative Names</b>	KASH3; NET53; Nesp3; C14orf49; C14orf139; LINC00341; NCRNA00341
<b>Gene ID</b>	161176
<b>SwissProt ID</b>	Q6ZMZ3
<b>Immunogen</b>	Recombinant protein of human Nesprin3

**Background**

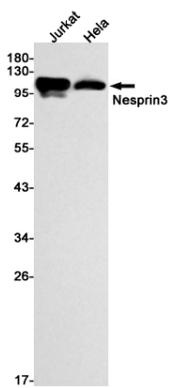
As a component of the LINC (Linker of Nucleoskeleton and Cytoskeleton) complex involved in the connection between the nuclear lamina and the cytoskeleton. The nucleocytoplasmic interactions established by the LINC complex play an important

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

Signal Transduction

## Image Data



Western blot analysis of Nesprin3 in Jurkat, HeLa lysates using Nesprin3 antibody.