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anti-Nesprin3 antibody (AA 201-300) (AbBy Fluor® 555)



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Quantity:	100 μL
Target:	Nesprin3 (C14orf49)
Binding Specificity:	AA 201-300
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Nesprin3 antibody is conjugated to AbBy Fluor® 555
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Nesprin 3	
Isotype:	IgG	
Cross-Reactivity:	Human, Mouse, Rat	
Purification:	Purified by Protein A.	

Target Details

Target:	Nesprin3 (C14orf49)
Alternative Name:	Nesprin 3 (C14orf49 Products)
Background:	Synonyms: C14orf49, Chromosome 14 open reading frame 49, FLJ25605, MGC75267, Nesp3,

	Nesprin3, Nesprin-3, NET53, Nuclear Envelope Spectrin Repeat Protein 3, Spectrin Repeat
	Containing, Nuclear Envelope Family Member 3, SYNE3, SYNE3_HUMAN.
	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
Gene ID:	161176
UniProt:	Q6ZMZ3
Pathways:	Maintenance of Protein Location
Application Details	
Application Notes:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and
	50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be
	handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months