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anti-Nesprin3 antibody (Center)





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Overview		
Quantity:	100 μL	
Target:	Nesprin3 (C14orf49)	
Binding Specificity:	Center	
Reactivity:	Human, Mouse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This Nesprin3 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunochromatography (IC)	
Product Details		
Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human SYNE3.	
Specificity:	Recognizes endogenous levels of SYNE3 protein.	
Characteristics:	Rabbit polyclonal antibody to SYNE3	
Purification:	The antibody was purified by immunogen affinity chromatography.	
Target Details		
Target:	Nesprin3 (C14orf49)	
Alternative Name:	SYNE3 (C14orf49 Products)	
Background:	C14orf49, Nesprin-3, Nuclear envelope spectrin repeat protein 3	

Target Details

Gene ID:	161176, 212073
UniProt:	Q6ZMZ3, Q4FZC9
Pathways:	Maintenance of Protein Location

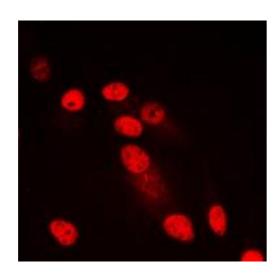
Application Details

Application Notes:	WB (1:500 - 1:1000), IF/IC (1:100 - 1:500)
Restrictions:	For Research Use only

Handling

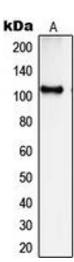
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

Images



Immunofluorescence

Image 1. Immunofluorescent analysis of SYNE3 staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell



nuclei (blue).

Western Blotting

Image 2. Western blot analysis of SYNE3 expression in HepG2 (A) whole cell lysates.