

Product Data Sheet

Anti-SYNE3 Antibody

Catalog #	Source	Reactivity	Applications
CPA2881	Rabbit	H, M	WB, IF/IC
Description	Rabbit polyclonal antibody to SYNE3		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human SYNE3. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of SYNE3 protein.		
Clonality	Polyclonal		
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/1000), IF/IC (1/100 - 1/500)		
Gene Symbol	SYNE3		
Alternative Names	C14orf49; Nesprin-3; Nuclear envelope spectrin repeat protein 3		
Entrez Gene	161176 (Human); 212073 (Mouse)		
SwissProt	Q6ZMZ3 (Human); Q4FZC9 (Mouse)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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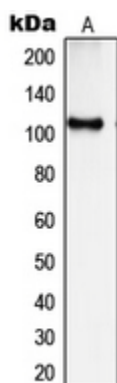
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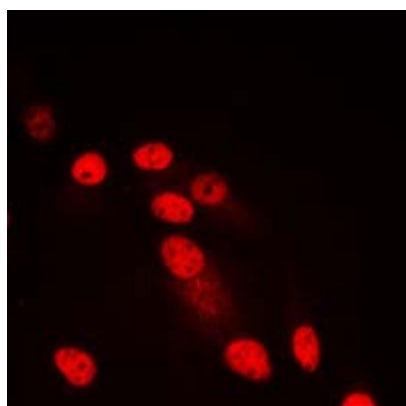
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Western blot analysis of SYNE3 expression in HepG2 (A) whole cell lysates.



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.

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