

Anti-Caprin1 Antibody

Catalog #	Source	Reactivity	Applications
CQA1685	Rabbit	H, M, R	WB, IF/IC
Description	Rabbit polyclonal antibody to Caprin1		
Immunogen	Recombinant full length protein of human Caprin1		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of Caprin1 protein.		
Clonality	Polyclonal		
Conjugation			
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 (1/50 - 1/200)		
Gene Symbol	CAPRIN1		
Alternative Names	GPIAP1; GPIP137; M11S1; RNG105; Caprin-1; Cell cycle-associated protein 1; Cytoplasmic activation- and proliferation-associated protein 1; GPI-anchored membrane protein 1; GPI-anchored protein p137; GPI-p137; p137GPI; Membrane component chromosome 11 surface marker 1; RNA granule protein 105		
Entrez Gene	4076 (Human); 53872 (Mouse); 362173 (Rat)		
SwissProt	Q14444 (Human); Q60865 (Mouse); Q5M9G3 (Rat)		
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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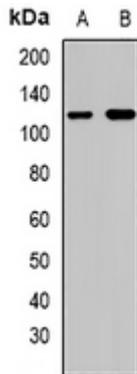
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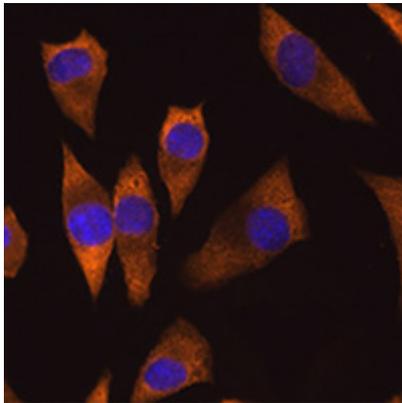
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Product Data Sheet



Western blot analysis of Caprin1 expression in HeLa (A), Jurkat (B) whole cell lysates. (Predicted band size: 76; 78 kD; Observed band size: 120 kD)



Immunofluorescent analysis of Caprin1 staining in L929 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 AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

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