

Product Data Sheet

Anti-SAP14 Antibody

Catalog #	Source	Reactivity	Applications
CPA2678	Rabbit	H, M, R, B, Z	WB, IF/IC
Description	Rabbit polyclonal antibody to SAP14		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human SAP14. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of SAP14 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	SF3B14		
Alternative Names	SAP14; SF3B14; SF3B14A; Splicing factor 3B subunit 6; Pre-mRNA branch site protein p14; SF3b 14 kDa subunit; SF3B14a; Spliceosome-associated protein, 14-kDa; Splicing factor 3b, subunit 6, 14kDa		
Entrez Gene	51639 (Human); 66055 (Mouse)		
SwissProt	Q9Y3B4 (Human); P59708 (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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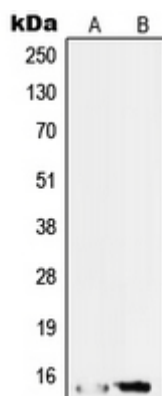
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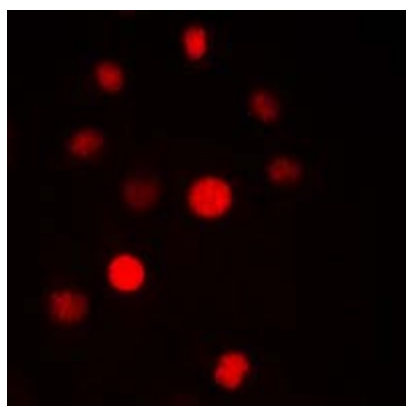
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Western blot analysis of SAP14 expression in HepG2 (A), RT4 (B) whole cell lysates.



Immunofluorescent analysis of SAP14 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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