

Product Data Sheet

Anti-ASF1A Antibody

Catalog #	Source	Reactivity	Applications
CPA5386	Rabbit	H, M, R, B, C, S	WB, IF/IC
Description	Rabbit polyclonal antibody to ASF1A		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ASF1A. The exact sequence is proprietary.		
Purification	The antibody was purified by affinity chromatography.		
Specificity	Recognizes endogenous levels of ASF1A 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 - 1/2000), IF/IC (1/50 - 1/100)		
Gene Symbol	ASF1A		
Alternative Names	Histone chaperone ASF1A; Anti-silencing function protein 1 homolog A; hAsf1; hAsf1a; CCG1-interacting factor A; CIA; hCIA		
Entrez Gene	25842 (Human); 66403 (Mouse)		
SwissProt	Q9Y294 (Human); Q9CQE6 (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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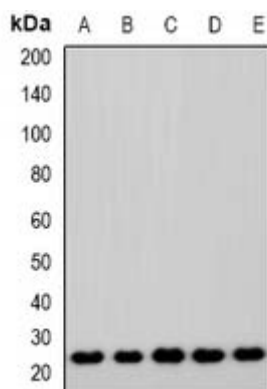
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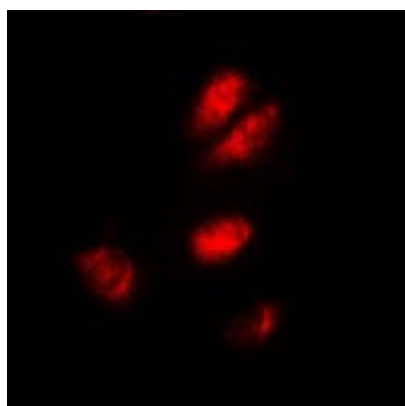
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Western blot analysis of ASF1A expression in Jurkat (A), A549 (B), MCF7 (C), mouse lung (D), rat lung (E) whole cell lysates.



Immunofluorescent analysis of ASF1A staining in A549 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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