

Recombinant Anti-CAF-I p60 Rabbit mAb

Catalog # AP95259

Product Information

Application	WB, IHC, FC, IP, IF/IC
Primary Accession	Q13112
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Calculated MW	61493

Additional Information

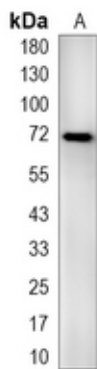
Gene ID	8208
Other Names	CAF1A; CAF1P60; MPHOSPH7; MPP7; Chromatin assembly factor 1 subunit B; CAF-1 subunit B; Chromatin assembly factor I p60 subunit; CAF-I 60 kDa subunit; CAF-I p60; M-phase phosphoprotein 7
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within human CAF-I p60 protein. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 FC~~1:10~50 IP~~N/A IF/IC~~N/A
Format	Liquid in PBS, pH 7.3, 50% glycerol, 0.05% BSA, and 0.05% Proclin300.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

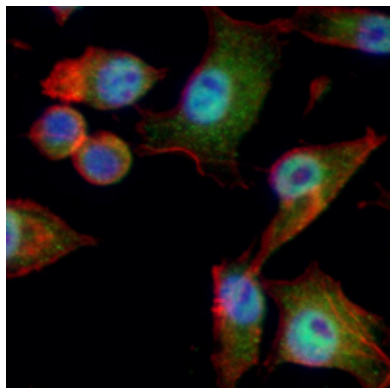
Name	CHAF1B (HGNC:1911)
Function	Acts as a component of the histone chaperone complex chromatin assembly factor 1 (CAF-1), which assembles histone octamers onto DNA during replication and repair. CAF-1 performs the first step of the nucleosome assembly process, bringing newly synthesized histones H3 and H4 to replicating DNA; histones H2A/H2B can bind to this chromatin precursor subsequent to DNA replication to complete the histone octamer.
Cellular Location	Nucleus. Cytoplasm. Note=DNA replication foci. Cytoplasmic in M phase

Images

Western blot analysis of CAF-I p60 expression in Caco2 (A)



whole cell lysates. (Predicted band size: 61 kD; Observed band size: 70 kD)



Immunofluorescent analysis of CAF-I p60 staining in Caco2 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 an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

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