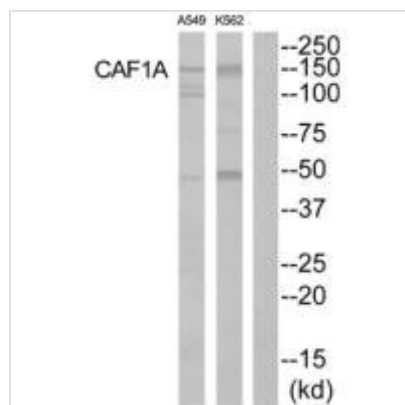




CHAF1A Antibody

Product Code	CSB-PA943110
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q13111
Immunogen	Synthesized peptide derived from internal of Human CAF1A.
Raised In	Rabbit
Species Reactivity	Human,Mouse
Specificity	The antibody detects endogenous levels of total CAF1A protein.
Tested Applications	ELISA,WB,IHC,IF;WB:1:500-1:3000,IHC:1:50-1:200,IF:1:100-1:200
Relevance	Core component of the CAF-1 complex, a complex thought to mediate chromatin assembly in DNA replication and DNA repair. Assembles histone octamers onto replicating DNA in vitro. 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. CHAF1A binds to histones H3 and H4. It may play a role in heterochromatin maintenance in proliferating cells by bringing newly synthesized cbx proteins to heterochromatic DNA replication foci By similarity. Also involved in vitamin D-coupled transcription regulation via its association with the WINAC complex, a chromatin-remodeling complex recruited by vitamin D receptor (VDR), which is required for the ligand-bound VDR-mediated transrepression of the CYP27B1 gene. Dong H., Gene 264:187-196(2001) [PubMed: 11250073]. Grimwood J., Nature 428:529-535(2004) [PubMed: 15057824]. Kaufman P.D., Cell 81:1105-1114(1995) [PubMed: 7600578].
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Alias	Chromatin assembly factor 1 subunit A; CAF-1 subunit A; Chromatin assembly factor I p150 subunit; CAF-I 150 kDa subunit; CAF-I p150
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	CHAF1A
Image	



Western blot analysis of extracts from K562 cells and A549 cells, using CAF1A antibody.