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p150 CAF1 Antibody

Rabbit mAb
Catalog # AP91925

Product Information

Application	WB, IHC, IF, FC, ICC, IP, IHF
Primary Accession	Q13111
Reactivity	Human
Clonality	Monoclonal
Other Names	CAF; CAF1; CAF1P150; CHAF1A; DCAF1; hp15; P150;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	106910

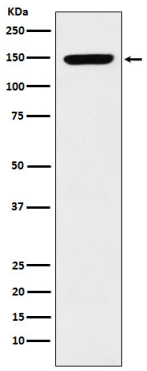
Additional Information

Dilution	WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200 IP 1:50 FC 1:500
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human p150 CAF1
Description	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.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	CHAF1A (HGNC:1910)
Synonyms	CAF, CAF1P150
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. It may play a role in heterochromatin maintenance in proliferating cells by bringing newly synthesized cbx proteins to heterochromatic DNA replication foci.
Cellular Location	Nucleus. Note=DNA replication foci

Images



Western blot analysis of p150 CAF1 expression in K562 cell lysate.