

Product Name: KD-Validated p150 CAF1 Recombinant Rabbit Monoclonal Antibody
Catalog #: KVAb01665

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 106.9kDa

Antigen Information

Gene Name	CHAF1A CAF1P150; CAF1B; CAF-1; CAF1; P150; Chromatin Assembly Factor I P150 Subunit;
Alternative Names	Chromatin Assembly Factor I (150 KDa); CAF-I 150 KDa Subunit; CAF-1 Subunit A; CAF-I P150; MGC71229; Hp150; Chromatin Assembly Factor 1, Subunit A (P150); CTB-50L17.7; CAF
Gene ID	10036.0
SwissProt ID	Q13111
Immunogen	A synthesized peptide derived from human p150 CAF1

Background

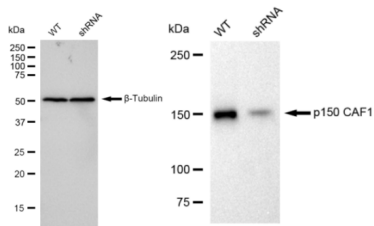
Chromatin assembly factor I (CAF1) is a nuclear complex consisting of p50, p60 (CHAF1B; MIM 601245), and p150 (CHAF1A) subunits that assembles histone octamers onto replicating DNA in vitro (Kaufman et al., 1995 [PubMed 7600578]).[supplied by

OMIM, Mar 2008]

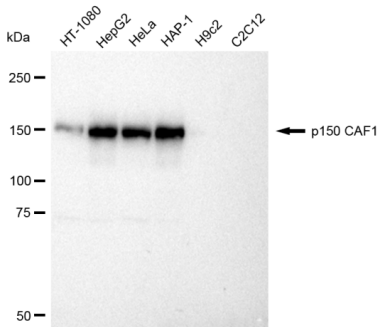
Research Area

Epigenetics and Nuclear Signaling

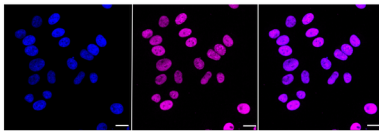
Image Data



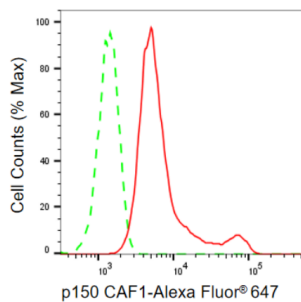
Western blotting analysis using p150 CAF1 antibody (KVA01665). p150 CAF1 expression in wild type (WT) and p150 CAF1 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with p150 CAF1 antibody (KVA01665, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using p150 CAF1 antibody (KVA01665). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with p150 CAF1 antibody (KVA01665, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HepG2 cells with p150 CAF1 antibody (KVA01665, 1:1,000). Nuclei were stained blue with DAPI; p150 CAF1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar: 20 µm.



Flow cytometric analysis of p150 CAF1 expression in HepG2 cells using p150 CAF1 antibody (KVA01665, 1:2,000). Green, isotype control; red, p150 CAF1.