

**Product Name: p150 CAF1 Rabbit Monoclonal Antibody****Catalog #: AMRe84368**

For research use only.

**Summary**

|                      |   |
|----------------------|---|
| <b>Description</b>   | Recombinant rabbit monoclonal antibody  |
| <b>Host</b>          | Rabbit  |
| <b>Application</b>   | WB,IHC,ICC/IF,ICC,FC,IP   |
| <b>Reactivity</b>    | Human   |
| <b>Conjugation</b>   | Unconjugated  |
| <b>Modification</b>  | Unmodified  |
| <b>Isotype</b>       | IgG   |
| <b>Clonality</b>     | Monoclonal  |
| <b>Form</b>          | Liquid  |
| <b>Concentration</b> | 0.71mg/ml. The concentration of this product may be batch-dependent.                        |
| <b>Storage</b>       | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.                 |
| <b>Shipping</b>      | Ice bags  |
| <b>Buffer</b>        | Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol. |
| <b>Purification</b>  | Affinity Purification   |

**Application**

|                         |  |
|-------------------------|--|
| <b>Dilution Ratio</b>   | WB 1:1000-1:2000,IHC 1:100-1:200,ICC/IF 1:50-1:200,ICC 1:50-1:200,FC 1:20-1:100,IP 1:20-1:50 |
| <b>Molecular Weight</b> | Calculated MW: 107 kDa ; Observed MW: 150 kDa  |

**Antigen Information**

|                          |   |
|--------------------------|---|
| <b>Gene Name</b>         | p150 CAF1   |
| <b>Alternative Names</b> | CAF; CAF1; CAF1P150; CHAF1A; DCAF1; hp15; P150;;CAF 1 subunit A |
| <b>Gene ID</b>           |   |
| <b>SwissProt ID</b>      | Q13111  |
| <b>Immunogen</b>         | A synthesized peptide derived from human CAF 1 subunit A        |

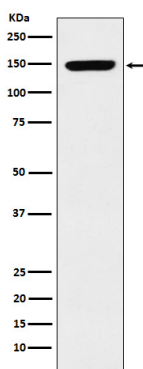
**Background**

Core component of the CAF-1 complex, a complex that is thought to mediate chromatin assembly in DNA replication and DNA

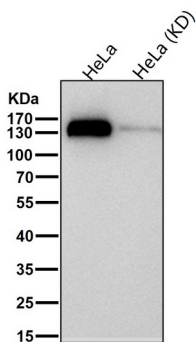
repair. Assembles histone octamers onto replicating DNA in vitro. CAF-1 performs the first step of the nucleosome assembly process, bringing newly synthesized histones H3 and H4 to replicating DNA; histones H2A/H2B can bind to this chromatin precursor subsequent to DNA replication to complete the histone octamer. It may play a role in heterochromatin maintenance in proliferating cells by bringing newly synthesized cbx proteins to heterochromatic DNA replication foci.

## Research Area

## Image Data



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



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.