# p150 CAF1 Polyclonal Antibody Cy5 Conjugated

Catalog No: #C07932Cy5

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## Description

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| Product Name | p150 CAF1 Polyclonal Antibody Cy5 Conjugated |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Purification | Purified by Protein A. |
| Applications | ICC IF |
| Species Reactivity | Hu Ms Rt |
| Immunogen Description | KLH conjugated synthetic peptide derived from human p150 CAF1 |
| Conjugates | Cy5 |
| Target Name | p150 CAF1 |
| Other Names | CAF-1 p150; CAF 1 150 kDa subunit; CAF 1; CAF 1 subunit A; CAF; CAF I 150 kDa subunit; CAF I p150; CAF Ip150; CAF-1 subunit A; CAF-I 150 kDa subunit; CAF-I p150; CAF1 150 kDa subunit; CAF1; CAF1 p150 Subunit; CAF1 subunit A; CAF1A; CAF1A; CAF1A_HUMAN; CAF1B; CAF1P150; CAF1P155; CAF1P155; CHAF1A; Chr |
| Accession No. | NCBI Gene ID:10036 |
| Uniprot | Q13111 |
| GeneID | 10036; |
| Excitation Emission | 625,650nm 670nm |
| Concentration | 1mg ml |
| Formulation | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol. |
| Storage | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. |

## Application Details

ICC=1:50-200 IF=1:50-200

## Background

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). The CCR4-NOT complex functions as general transcription regulation complex. 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.

Note: This product is for in vitro research use only