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Datasheet for ABIN7112742  
**anti-CHAF1A antibody**

### Overview

Quantity:	100 µg
Target:	CHAF1A
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHAF1A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP), Immunohistochemistry (IHC), Immunofluorescence (IF)

### Product Details

Immunogen:	chromatin assembly factor 1, subunit A(p150)
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	CHAF1A
Alternative Name:	CHAF1A ( <a href="#">CHAF1A Products</a> )
Background:	Synonyms:CAF, CAF1P150 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

## Target Details

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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).

Molecular Weight: 150 kDa

Gene ID: 10036

UniProt: [Q13111](#)

## Application Details

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Application Notes: WB: 1:1000-1:4000, IP: 1:500-1:2000, IHC: 1:20-1:200, IF: 1:50-1:500

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months