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Datasheet for ABIN6942548 **anti-CHAF1B antibody**

Overview

Quantity:	100 µL
Target:	CHAF1B
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This CHAF1B antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	Recombinant protein corresponding to the C-terminus of Human p60 CAF1.
Clone:	9A7
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	CHAF1B
Alternative Name:	CHAF1B (CHAF1B Products)

Target Details

Background:	<p>Synonyms: Chromatin assembly factor 1 subunit B, Chromatin assembly factor I p60 subunit, M-phase phosphoprotein 7, CAF-1 subunit B, CAF-I 60 kDa subunit, CAF-I p60, CHAF1B, CAF1A, CAF1P60, MPHOSPH7, MPP7, p60 CAF1</p> <p>Background: Chromatin assembly factor-1 (CAF-1) is a multisubunit protein complex that comprises three polypeptide subunits known as p150, p60, and p48. CAF-1 is a nucleosome assembly factor that deposits newly synthesized and acetylated histones H3/H4 into nascent chromatin during DNA replication. The p150 subunit of CAF-1 also supports the maintenance of heterochromatin, which requires the synthesis of both new histones and heterochromatin proteins and their orderly assembly during DNA replication. Heterochromatin is characterized as densely coiled chromatin that generally replicates late during S phase, has a low gene density, and contains large blocks of repetitive DNA that is relatively inaccessible to DNA-modifying reagents. In late S phase, p150 directly associates with heterochromatin-associated proteins 1 (HP1₁, HP1₂ and HP1₃). As cells prepare for mitosis, CAF-1 p150 and some HP1 progressively dissociate from heterochromatin, coinciding with the phosphorylation of histone H3. The HP1 proteins reassociate with chromatin at the end of mitosis, as histone H3 is dephosphorylated.</p>
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Gene ID:	8208
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UniProt:	Q13112
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Application Details

Application Notes:	WB 1:300-5000 FCM 1:20-100 IHC-P 1:200-400 IF(IHC-P) 1:50-200 IF(ICC) 1:50-200 IP(1-2 µg)
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 1xTBS (pH 7.4), 1 % BSA, 40 %Glycerol and 0.05 % Sodium Azide.

Handling

Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months