Datasheet for ABIN1402446

anti-CHAF1A antibody (Alexa Fluor 647)

Go to Product page

Overview

Quantity:	100 µL
Target:	CHAF1A
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHAF1A antibody is conjugated to Alexa Fluor 647
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human p150 CAF1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	CHAF1A
Alternative Name:	p150 CAF1 (CHAF1A Products)
Background:	Synonyms: 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, Chromatin assembly factor 1 subunit A,

Target Details

	Chromatin Assembly Factor 1 Subunit A p150, Chromatin assembly factor I 150 kDa, Chromatin assembly factor I 150 kDa, Chromatin Assembly Factor I, Chromatin assembly factor I p150 subunit, DCAF1, hp150, Nucleosome Remodeling Factor 150 kDa Subunit, NURF150, P150. 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.
Gene ID:	10036

Application Details

Application Notes:	IF(IHC-P) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
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. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months