Datasheet for ABIN2668347

anti-CHAF1A antibody

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Overview

Quantity:	100 µg
Target:	CHAF1A
Reactivity:	Human
Host:	Hamster
Clonality:	Monoclonal
Conjugate:	This CHAF1A antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	The CAF-1 p150 antobody was raised against full-length CAF-1 purified from human 293 cells.
Isotype:	IgG1
Purification:	Protein G Chromatography

Target Details

Target:	CHAF1A
Alternative Name:	CAF-1 p150 (CHAF1A Products)
Background:	CAF-1 p150 (Chromatin assembly factor-1 p150 subunit, CAF1A, CHAF1A) is the largest subunit of the CAF-1 complex that is required for the assembly of nucleosomes onto newly replicated DNA. Specifically, CAF-1 assists in the loading of the H3-H4 tetramer and may be involved in DNA damage repair.

Target Details

Molecular Weight:	150 kDa
Gene ID:	10036

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Concentration:	1 µg/µL
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze/thaw cycles and keep on ice when not in storage.
Storage:	-20 °C
Storage Comment:	Antibodies in solution can be stored at -20 °C for 2 years.
Expiry Date:	6 months

Publications

Product cited in:

Hoek, Stillman: "Chromatin assembly factor 1 is essential and couples chromatin assembly to DNA replication in vivo." in: **Proceedings of the National Academy of Sciences of the United States of America**, Vol. 100, Issue 21, pp. 12183-8, (2003) (PubMed).

Kaufman, Kobayashi, Kessler, Stillman: "The p150 and p60 subunits of chromatin assembly factor I: a molecular link between newly synthesized histones and DNA replication." in: **Cell**, Vol. 81, Issue 7, pp. 1105-14, (1995) (PubMed).

Smith, Stillman: "Immunological characterization of chromatin assembly factor I, a human cell factor required for chromatin assembly during DNA replication in vitro." in: **The Journal of biological chemistry**, Vol. 266, Issue 18, pp. 12041-7, (1991) (PubMed).