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Datasheet for ABIN886312

anti-NCAPG2 antibody (AA 451-550) (Alexa Fluor 350)

Overview

Quantity:	100 µL
Target:	NCAPG2
Binding Specificity:	AA 451-550
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NCAPG2 antibody is conjugated to Alexa Fluor 350
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CAPG2
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat
Purification:	Purified by Protein A.

Target Details

Target:	NCAPG2
Alternative Name:	CAPG2 (NCAPG2 Products)

Target Details

Background: Synonyms: Chromosome associated protein G2, LUZP5, CAP G2, Leucine zipper protein 5, Non SMC condensin II complex subunit G2, Condensin 2 complex subunit G2, NCAPG 2, Non SMC condensin II complex, subunit G2, CNDG2_HUMAN.

Background: Regulatory subunit of the condensin-2 complex, a complex which establishes mitotic chromosome architecture and is involved in physical rigidity of the chromatid axis. NCAPG2 is 1 of 3 non-SMC subunits that define condensin II. Condensin complexes I and II play essential roles in mitotic chromosome assembly and segregation. Both condensins contain 2 invariant structural maintenance of chromosome (SMC) subunits, SMC2 and SMC4, but they contain different sets of non-SMC subunits. NCAPG2 is 1 of 3 non-SMC subunits that defines condensin II.

Gene ID: 54892

UniProt: [Q86X12](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 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