

Datasheet for ABIN886318

anti-NCAPG2 antibody (AA 451-550) (Cy5.5)[Go to Product page](#)

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 Cy5.5
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:	Q86XI2

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