

Datasheet for ABIN886329

anti-NCAPG2 antibody (AA 451-550) (Biotin)[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 Biotin
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

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:	<p>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.</p> <p>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.</p>
Gene ID:	54892
UniProt:	Q86XI2

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
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 for 12 months.
Expiry Date:	12 months