



Datasheet for ABIN1538597
anti-NCAPG2 antibody (AA 729-757)



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2 Images

Overview

Quantity:	400 µL
Target:	NCAPG2
Binding Specificity:	AA 729-757
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NCAPG2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This NCAPG2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 729-757 amino acids from the Central region of human NCAPG2.
Clone:	RB36932
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	NCAPG2
Alternative Name:	NCAPG2 (NCAPG2 Products)
Background:	Condensin complexes I and II play essential roles in mitotic chromosome assembly and

Target Details

segregation. Both condensins contain 2 invariant structural maintenance of chromosome (SMC) subunits, SMC2 (MIM 605576) and SMC4 (MIM 605575), but they contain different sets of non-SMC subunits. NCAPG2 is 1 of 3 non-SMC subunits that define condensin II (Ono et al., 2003 [PubMed 14532007]).

Molecular Weight: 130960

Gene ID: 54892

NCBI Accession: [NP_001268861](#), [NP_001268862](#), [NP_060230](#)

UniProt: [Q86X12](#)

Application Details

Application Notes: WB: 1:1000. WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

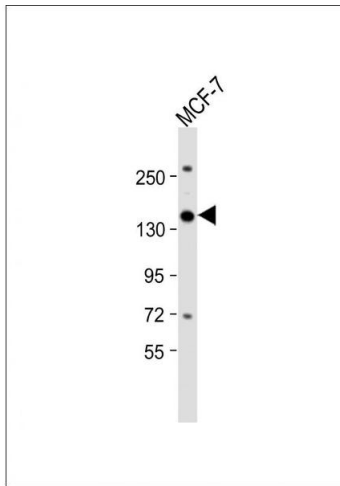
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

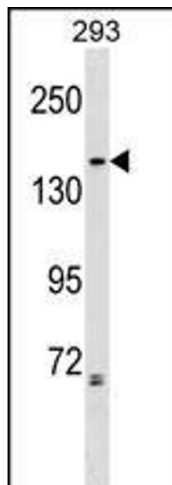
Storage Comment: NCAPG2 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



Western Blotting

Image 1. Anti-NCG2 Antibody (Center) at 1:1000 dilution + MCF-7 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 132 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



Western Blotting

Image 2. NCG2 Antibody (Center) 17069c western blot analysis in 293 cell line lysates (35 µg/lane). This demonstrates the NCG2 antibody detected the NCG2 protein (arrow).