



[Go to Product page](#)

Datasheet for ABIN4999002

## anti-NCAPG2 antibody (AA 451-550) (Alexa Fluor 750)

### 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 750
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 ( <a href="#">NCAPG2 Products</a> )

## 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