

Datasheet for ABIN2786231
anti-NCAPH2 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	NCAPH2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Guinea Pig, Horse, Dog, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NCAPH2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human NCAPH2
Sequence:	EYLYSLVYQA LDFISGKRRA KQLSSVQEDR ANGVASSGVP QEAENEFLSL
Predicted Reactivity:	Cow: 86%, Dog: 93%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against NCAPH2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	NCAPH2
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Target Details

Alternative Name:	NCAPH2 (NCAPH2 Products)
Background:	<p>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. NCAPH2 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 (MIM 605576) and SMC4 (MIM 605575), but they contain different sets of non-SMC subunits. NCAPH2 is 1 of 3 non-SMC subunits that define condensin II (Ono et al., 2003 [PubMed 14532007]). [supplied by OMIM].</p> <p>Alias Symbols: 384D8-2, 384D8_6, CAP-H2, MGC15858, MGC18000, MGC2455, MGC4133, MGC5305, MGC8640, hCAP-H2, CAPH2</p> <p>Protein Interaction Partner: EGLN3, USHBP1, SNRPC, UBC, EGFR, LMO2, FOLR1, NCAPG2, NCAPD3, SMC2, SMC4,</p> <p>Protein Size: 605</p>
Molecular Weight:	68 kDa
Gene ID:	29781
NCBI Accession:	NM_152299 , NP_689512
UniProt:	Q6IBW4

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 605 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide

Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-NCAPH2 Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:62500

Positive Control: Hela cell lysate