



# hCAP-H rabbit pAb

Cat No.:ES5339

For research use only

## Overview

<b>Product Name</b>	hCAP-H rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human NCAPH. AA range:441-490
<b>Specificity</b>	hCAP-H Polyclonal Antibody detects endogenous levels of hCAP-H protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Condensin complex subunit 2
<b>Gene Name</b>	NCAPH
<b>Cellular localization</b>	Nucleus . Cytoplasm . Chromosome . In interphase cells, the majority of the condensin complex is found in the cytoplasm, while a minority of the complex is associated with chromatin. A subpopulation of the complex however remains associated with chromosom
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	83kD
<b>Human Gene ID</b>	23397
<b>Human Swiss-Prot Number</b>	Q15003
<b>Alternative Names</b>	NCAPH; BRRN; BRRN1; CAPH; KIAA0074; Condensin complex subunit 2; Barren homolog protein 1; Chromosome-associated protein H; hCAP-H;



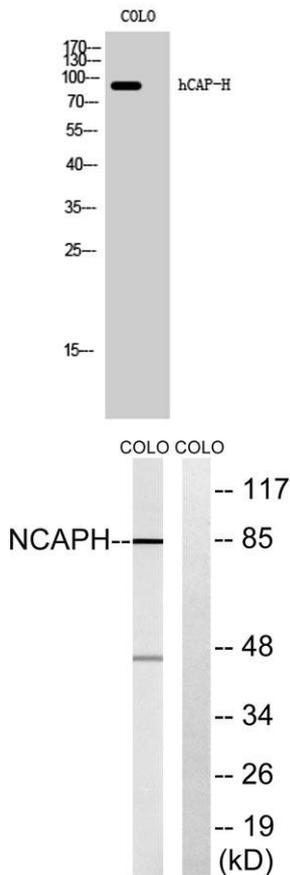


## Background

### Non-SMC condensin I complex subunit H; XCAP-H homolog

This gene encodes a member of the barr gene family and a regulatory subunit of the condensin complex. This complex is required for the conversion of interphase chromatin into condensed chromosomes. The protein encoded by this gene is associated with mitotic chromosomes, except during the early phase of chromosome condensation. During interphase, the protein has a distinct punctate nucleolar localization. Alternatively spliced transcript variants encoding different proteins have been described. [provided by RefSeq, Jul 2013],

Western Blot analysis of COLO cells using hCAP-H Polyclonal Antibody

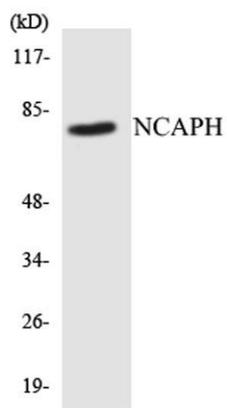


Western blot analysis of lysates from COLO cells, using NCAPH Antibody. The lane on the right is blocked with the synthesized peptide.





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Western blot analysis of the lysates from COLO205 cells using NCAPH antibody.



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