

**ARG64223**  
anti-HCAP-H antibodyPackage: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes HCAP-H
Tested Reactivity	Hu
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	HCAP-H
Species	Human
Immunogen	C-TEDLSDVLRQGD
Conjugation	Un-conjugated
Alternate Names	Condensin complex subunit 2; Non-SMC condensin I complex subunit H; hCAP-H; Barren homolog protein 1; XCAP-H homolog; CAP-H; Chromosome-associated protein H; BRRN1

### Application Instructions

Application table	Application	Dilution
	WB	0.01 - 0.03 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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### Database links

[GeneID: 23397 Human](#)

[Swiss-port # Q15003 Human](#)

### Background

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. [provided by RefSeq, Jul 2008]

### Research Area

Cell Biology and Cellular Response antibody; Controls and Markers antibody; Gene Regulation antibody

### Calculated Mw

83 kDa

### PTM

Phosphorylated by CDK1. Its phosphorylation, as well as that of NCAPD2 and NCAPG subunits, activates the condensin complex and is required for chromosome condensation (By similarity).

## Images

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ARG64223 anti-HCAP-H antibody WB image

Western Blot: K562 cell lysate (35 µg protein in RIPA buffer) stained with ARG64223 anti-HCAP-H antibody at 0.01 µg/ml dilution.