



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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|                              |   |
|------------------------------|---|
| Product Number               | ARP55483_P050-Biotin  |
| Product Page                 | <a href="http://www.avivasysbio.com/ncaph2-antibody-n-terminal-region-biotin-arp55483-p050-biotin.html">www.avivasysbio.com/ncaph2-antibody-n-terminal-region-biotin-arp55483-p050-biotin.html</a>  |
| Name                         | NCAPH2 Antibody - N-terminal region : Biotin (ARP55483_P050-Biotin)   |
| Protein Size (# AA)          | 605 amino acids   |
| Molecular Weight             | 68kDa   |
| Subunit                      | H2  |
| Conjugation                  | Biotin  |
| NCBI Gene Id                 | 29781   |
| Host                         | Rabbit  |
| Clonality                    | Polyclonal  |
| Concentration                | 0.5 mg/ml   |
| Gene Full Name               | Non-SMC condensin II complex, subunit H2  |
| Alias Symbols                | CAPH2   |
| Peptide Sequence             | Synthetic peptide located within the following region:<br><a href="#">EYLYSLVYQALDFISGKRRRAKQLSSVQEDRANGVASSGVPQEAENEFLSL</a>   |
| Product Format               | Liquid. Purified antibody supplied in 1x PBS buffer.  |
| Reference                    | Ono,T., (2003) Cell 115 (1), 109-121  |
| Description of Target        | 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]. |
| Protein Interactions         | EGLN3; USHBP1; SNRPC; UBC; EGFR; LMO2; FOLR1; NCAPG2; NCAPD3; SMC2; SMC4;   |
| Reconstitution and Storage   | All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.  |
| Datasheets/Manuals           | Printable datasheet for <a href="#">anti-NCAPH2 (ARP55483_P050-Biotin) antibody</a>   |
| Blocking Peptide             | For anti-NCAPH2 (ARP55483_P050-Biotin) antibody is <a href="#">Catalog # AAP55483</a> (Previous Catalog # AAPP33375)  |
| Immunogen                    | The immunogen is a synthetic peptide directed towards the N terminal region of human NCAPH2   |
| Uniprot ID                   | <a href="#">Q6IBW4</a>  |
| Protein Name                 | Condensin-2 complex subunit H2  |
| Protein Accession #          | <a href="#">NP_689512</a>   |
| Purification                 | Affinity Purified   |
| Nucleotide Accession #       | <a href="#">NM_152299</a>   |
| Gene Symbol                  | <a href="#">NCAPH2</a>  |
| Predicted Species Reactivity | Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit  |
| Application                  | WB  |

|   |   |
|---|---|
| <b>Predicted Homology Based on Immunogen Sequence</b> | Cow: 86%; Dog: 93%; Guinea Pig: 100%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100% |
| <b>Image 1</b>  |                    |

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

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Optimal conditions of its use should be determined by end users.

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