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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
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Product Number	ARP55483_P050-FITC
Product Page	www.avivasysbio.com/ncaph2-antibody-n-terminal-region-fitc-arp55483-p050-fitc.html
Name	NCAPH2 Antibody - N-terminal region : FITC (ARP55483_P050-FITC)
Protein Size (# AA)	605 amino acids
Molecular Weight	68kDa
Subunit	H2
Conjugation	FITC: Fluorescein Isothiocyanate
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: EYLYSLVYQALDFISGKRRRAKQLSSVQEDRANGVASSGVPQEAENEFLSL
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 anti-NCAPH2 (ARP55483_P050-FITC) antibody
Blocking Peptide	For anti-NCAPH2 (ARP55483_P050-FITC) antibody is Catalog # AAP55483 (Previous Catalog # AAPP33375)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human NCAPH2
Uniprot ID	Q6IBW4
Protein Name	Condensin-2 complex subunit H2
Protein Accession #	NP_689512
Purification	Affinity Purified
Nucleotide Accession #	NM_152299
Gene Symbol	NCAPH2
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 86%; Dog: 93%; Guinea Pig: 100%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Image 1	

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

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

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

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