

Rat anti-Human NCAPH2 Monoclonal Antibody | anti-NCAPH2 antibody

NCAPH2 antibody | 5F2G4

CATALOG # AAA50440	HOST Rat	REACTIVITY Human	APPLICATIONS Western Blot, Immunofluorescence
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PRODUCT SYNONYMS

NCAPH2; Monoclonal Antibody; NCAPH2 antibody | 5F2G4; RAT ANTI HUMAN NCAPH2; anti-NCAPH2 antibody

PRODUCT SPECIFICATIONS

Host	Rat
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	5F2G4
Purity/Purification	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Form/Format	Purified IgG - liquid Phosphate buffered saline 0.035% Sodium Azide (NaN ₃), 30% Glycerol
Concentration	IgG concentration 1.0mg/ml (varies by lot)
Applicable Applications for anti-NCAPH2 antibody	WB (Western Blot), IF (Immunofluorescence)
Immunogen	A recombinant protein to human NCAPH2
Preparation and Storage	This product is shipped at ambient temperature. It is recommended to aliquot and store at -20 degree C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8 degree C for short term use (up to 4 weeks) and store the remaining aliquots at -20 degree C. Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended. Should this product contain a precipitate we recommend microcentrifugation before use.

IMAGES



WB (Western Blot)

Western blot analysis of HeLa cell nuclear extract (30 ug) probed with NCAPH2 antibody (AAA50440) at a 1 ug/ml dilution.



IF (Immunofluorescence)

Immunofluorescence staining of HeLa cells probed with NCAPH2 antibody (AAA50440) at a 1/200 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-NCAPH2 antibody	Rat anti Human NCAPH2 antibody, clone 5F2G4 recognizes non-SMC condensin II complex subunit H2, also known as condensin-2 complex subunit H2, or chromosome-associated protein H2 (CAP-H2). NCAPH2 is a regulatory subunit of the condensin-2 complex; thought to provide chromosomes with an additional level of organization and rigidity. NCAPH2 may also be involved in establishing mitotic chromosome architecture (Ono et al. 2003). Rat anti Human NCAPH2 antibody detects a band of 90 kDa.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	297206770
NCBI GeneID	29781
NCBI Accession #	NP_001171940.1
NCBI GenBank Nucleotide #	NM_001185011.1
UniProt Accession #	Q6IBW4; O43788; Q13391; Q96C14; Q96GJ0; Q9BQ71; Q9BUT3; Q9BVD1; B7WPH1
Molecular Weight	68,227 Da
NCBI Official Full Name	condensin-2 complex subunit H2 isoform 3
NCBI Official Synonym Full Names	non-SMC condensin II complex, subunit H2
NCBI Official Symbol	NCAPH2
NCBI Official Synonym Symbols	CAPH2
NCBI Protein Information	condensin-2 complex subunit H2; kleisin beta; chromosome-associated protein H2; CAP-H2 subunit of the condensin II complex
UniProt Protein Name	Condensin-2 complex subunit H2
UniProt Gene Name	NCAPH2
UniProt Synonym Gene Names	CAPH2; hCAP-H2
UniProt Entry Name	CNDH2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/ncaph2-antibody-clone-5f2g4-western-blot-immunofluorescence-elisa/50440>