

NCAPH2 mouse monoclonal antibody (hybridoma)

Catalog # H00029781-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant NCAPH2.
Immunogen	NCAPH2 (NP_689512.1, 1 a.a. ~ 555 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MNFIEAALLIQGSACVYSKKVEYLYSLVYQALDFISGKRRAKQLSSVQEDRANGVASSGVPQEAE NEFLSLDDFPDSRTNVDLKNQTPSEVLIIPLLPMALVAPDEMEKNNNPLYSRQGEVLASRKDFR MNTCVPHPRGAFMLEPEGMSPMEPAGVSPMPGTQKDTGRTEEQPMEVSVCSPVPALGFSQE PGPSPEGPMPLGGGEDEDAEEAVELPEASAPKAALEPKESRSPQQSAALPRRYMLREREGAP EPASCVKETPDPWQSLDPFDSLESKPFFKGRPYSVPPCVEEALGQKRKRKGAAKLQDFHQWY LAAYADHADSRRLRRKGPSFADMEVLYWTHVKEQLETLRKLQRREVAEQWLRPAEEDHLED EDLGAADDLEPEEYMEPEGADPREAADLDAVPMSLSYEELVRRNVELFIATSQKFVQETEL SQ RIRDWEDTVQPLLQEQEQHVPFDIHTYGDQLVSRFPQLNEWCPFAELVAGQPAFEVCRSMLASL QLANDYTVEITQQPGLEMAVD TMSLRLLTHQRAHKRFQTYAAPSMAQP
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (77); Rat (78)
Quality Control Testing	Antibody reactivity and specificity confirmed by ELISA and Western Blot.
Deliverables	Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.
Note	Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — NCAPH2

Entrez GeneID	29781
GeneBank Accession#	NM_152299.1
Protein Accession#	NP_689512.1
Gene Name	NCAPH2
Gene Alias	384D8-2, 384D8_6, CAP-H2, MGC15858, MGC18000, MGC2455, MGC4133, MGC5305, MGC8640, hCAP-H2
Gene Description	non-SMC condensin II complex, subunit H2
Omim ID	611230
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	CAP-H2 subunit of the condensin II complex OTTHUMP00000196603 kleisin beta

Disease

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