

RecomAb™

NCAPH2 recombinant monoclonal antibody, clone R06-8I5

Catalog # RAB04944 Size 100 uL

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human NCAPH2.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human NCAPH2.
Theoretical MW (kDa)	68
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-1:100) Immunohistochemistry (Frozen sections) (1:50-1:100) Immunoprecipitation(1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunohistochemistry (Frozen sections)
- Immunocytochemistry
- Immunofluorescence
- Immunoprecipitation

Gene Info — NCAPH2

Entrez GeneID	29781
Protein Accession#	Q6IBW4
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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