



# CNDD3 Monoclonal Antibody

Catalog No	BYmab-05491
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	NCAPD3 CAPD3 KIAA0056
Protein Name	Condensin-2 complex subunit D3 (Non-SMC condensin II complex subunit D3) (hCAP-D3)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	CNDD3 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	164kD
Cell Pathway	Nucleus .
Tissue Specificity	Bone marrow,Brain,Epithelium,Eye,Placenta,
Function	function:Regulatory subunit of the condensin-2 complex, a complex which establishes mitotic chromosome architecture and is involved in physical rigidity of the chromatid axis.,similarity:Contains 4 HEAT repeats.,subunit:Component of the condensin-2 complex, which contains the SMC2 and SMC4 heterodimer, and 3 non SMC subunits that probably regulate the complex: NCAPH2, NCAPD3 and NCAPG2.,
Background	non-SMC condensin II complex subunit D3(NCAPD3) Homo sapiens 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. NCAPD3 is 1

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of 3 non-SMC subunits that define condensin II (Ono et al., 2003 [PubMed 14532007]).[supplied by OMIM, Mar 2008],

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images

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