



CNDD3 Polyclonal Antibody

Catalog No	YP-Ab-05491
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	NCAPD3 CAPD3 KIAA0056
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	CNDD3 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CAP D3;CAPD3;CNDD3;Condensin 2 complex subunit D3;hCAP D3;hCAP-D3;hcp 6;hHCP 6;KIAA0056;NCAPD3;NCAPD3 CAPD3 KIAA0056;Condensin-2 complex subunit D3 (Non-SMC condensin II complex subunit D3) (hCAP-D3)
Observed Band	165 kDa
Calculated Molecular Weight	1498 aa, 169 kDa
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 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