



hCAP-G2 Monoclonal Antibody

Catalog No	BYmab-01757
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	NCAPG2
Protein Name	Condensin-2 complex subunit G2
Immunogen	The antiserum was produced against synthesized peptide derived from human NCAPG2. AA range:561-610
Specificity	hCAP-G2 Monoclonal Antibody detects endogenous levels of hCAP-G2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA 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	NCAPG2; LUZP5; Condensin-2 complex subunit G2; Chromosome-associated protein G2; CAP-G2; hCAP-G2; Leucine zipper protein 5; Non-SMC condensin II complex subunit G2
Observed Band	
Cell Pathway	Nucleus .
Tissue Specificity	Endometrium,Epithelium,Ovary,Testis,
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 1 HEAT repeat.,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 G2(NCAPG2) Homo sapiens This gene encodes a protein that belongs to the Condensin2nSMC family of proteins.

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The encoded protein is a regulatory subunit of the condensin II complex which, along with the condensin I complex, plays a role in chromosome assembly and segregation during mitosis. A similar protein in mouse is required for early development of the embryo. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013],

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.

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