

hCAP-G Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP03906
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human NCAPG. AA range:951-1000
Mol wt	114334
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	hCAP-G Antibody
Synonyms	NCAPG; CAPG; NYMEL3; Condensin complex subunit 3; Chromosome-associated protein G; Condensin subunit CAP-G; hCAP-G; Melanoma antigen NY-MEL-3; Non-SMC condensin I complex subunit G; XCAP-G homolog

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

NCAPG (non-SMC condensin I complex subunit G) encodes a subunit of the condensin complex, which is responsible for the condensation and stabilization of chromosomes during mitosis and meiosis. Phosphorylation of the encoded protein activates the condensin complex. There are pseudogenes for NCAPG on chromosomes 8 and 15. Alternative splicing results in multiple transcript variants.

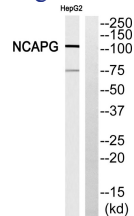
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 40000

Not yet tested in other applications.

Images



Western blot analysis of NCAPG Antibody. The lane on the right is blocked with the NCAPG peptide.

Storage

-20°C for one year