

Datasheet for ABIN1714629
anti-NCAPG antibody (AA 161-170)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	NCAPG
Binding Specificity:	AA 161-170
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NCAPG antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human HCAP G
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	NCAPG
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Target Details

Alternative Name: HCAP G ([NCAPG Products](#))

Background: Synonyms: CAPG, CHCG, Chromosome associated protein G, Chromosome condensation protein G, Condensin complex subunit 3, Condensin subunit CAP G, HCAP G, Melanoma antigen NY MEL 3, NCAPG, Non SMC condensin I complex, subunit G, NY MEL 3, XCAP G homolog, CND3_HUMAN.

Background: HCAP G is 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 this gene on chromosomes 8 and 15. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2012].

Gene ID: 64151

Application Details

Application Notes: WB 1:300-5000
ELISA 1:500-1000
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200
ICC 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

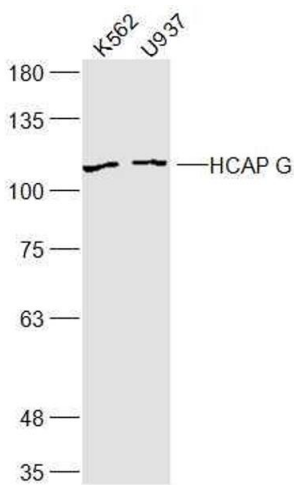
Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Handling

Expiry Date: 12 months

Images



Western Blotting

Image 1. Lane 1: K562 lysates Lane 2: U937 lysates probed with HCAP G Polyclonal Antibody, Unconjugated at 1:300 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at 1:10000 for 60 min at 37°C.