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Datasheet for ABIN2782540
anti-NCAPD2 antibody (C-Term)

2 Images

Overview

Quantity:	100 µL
Target:	NCAPD2
Binding Specificity:	C-Term
Reactivity:	Human, Dog, Horse, Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NCAPD2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human NCAPD2
Sequence:	KAIIDFEQK LRACHTRGLD GIKELEIGQA GSQRAPSAKK PSTGSRYQPL
Predicted Reactivity:	Dog: 79%, Horse: 93%, Human: 100%, Pig: 92%, Rabbit: 92%
Characteristics:	This is a rabbit polyclonal antibody against NCAPD2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	NCAPD2
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Target Details

Alternative Name:	NCAPD2 (NCAPD2 Products)
Background:	<p>NCAPD2 is the regulatory subunit of the condensin complex, a complex required for conversion of interphase chromatin into mitotic-like condense chromosomes. The condensin complex probably introduces positive supercoils into relaxed DNA in the presence of type I topoisomerases and converts nicked DNA into positive knotted forms in the presence of type II topoisomerases. NCAPD2 may target the condensin complex to DNA via its C-terminal domain.</p> <p>Alias Symbols: CAP-D2, CNAP1, KIAA0159, hCAP-D2</p> <p>Protein Interaction Partner: UBC, NCAPG, CCAR2, NCAPH, SMC2, SMC4, TXNL1, RABEP1, PABPC4, RPS5, FLNC, SOX2, CSNK2A1, PAXIP1, PNPT1, NUP153, MEA1, HSPD1, C1QBP, SIRT7, CDK1, RAD21, SIRT3, tat, PARP1,</p> <p>Protein Size: 1401</p>
Molecular Weight:	157 kDa
Gene ID:	9918
NCBI Accession:	NM_014865 , NP_055680
UniProt:	Q15021

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1401 AA
Restrictions:	For Research Use only

Handling

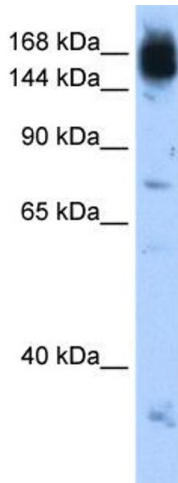
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

Handling

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

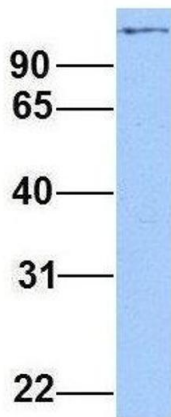
Images



Western Blotting

Image 1. WB Suggested Anti-NCAPD2 Antibody Titration:
0.2-1 ug/ml Positive Control: Jurkat cell lysate

NCAPD2



Western Blotting

Image 2. Host: Rabbit Target Name: NCAPD2 Sample Type:
Hela Antibody Dilution: 1.0ug/ml NCAPD2 is supported by
BioGPS gene expression data to be expressed in HeLa