

Datasheet for ABIN7468644
anti-NDC80 antibody (AA 30-80)



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Overview

Quantity:	100 µg
Target:	NDC80
Binding Specificity:	AA 30-80
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDC80 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Immunogen:	A Synthetic peptide within a.a. 30~80 around Ser55
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Affinity purified using antigen

Target Details

Target:	NDC80
Alternative Name:	NDC80 kinetochore complex component (NDC80 Products)
Background:	Synonyms: NDC80 kinetochore complex component , HEC , HEC1 , HsHec1 , KNTC2 , TID3 ,

Target Details

hsNDC80

Background: This gene encodes a component of the NDC80 kinetochore complex. The encoded protein consists of an N-terminal microtubule binding domain and a C-terminal coiled-coiled domain that interacts with other components of the complex. This protein functions to organize and stabilize microtubule-kinetochore interactions and is required for proper chromosome segregation. [provided by RefSeq, Oct 2011]

Molecular Weight:	74 kDa
Gene ID:	10403
UniProt:	O14777
Pathways:	Maintenance of Protein Location

Application Details

Application Notes:	Recommended Starting Dilutions: For WB: Use at a dilution of 1:750 For IP: Use at a dilution of 2-4 µg/mL for 1 mg cell extract For ICC/IF: Use at a dilution of 1:300 Not yet tested in other applications. Optimal dilutions should be determined experimentally by the researcher.
Comment:	Positive Control: HeLa , Blocking peptide (GTX70016-PEP)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	1X PBS, No Preservative
Preservative:	Without preservative
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.