

Datasheet for ABIN7468640
anti-NDC80 antibody (Ser165)



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	NDC80
Binding Specificity:	Ser165
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDC80 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	Synthetic peptide corresponding to the amino acids around Ser 165 conjugated to KLH
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 , hsNDC80

Target Details

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 1:600
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 (GTX70012-PEP)

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.913 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.