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Datasheet for ABIN7468645
anti-NDC80 antibody (pSer55)

Overview

Quantity:	100 µL
Target:	NDC80
Binding Specificity:	pSer55
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDC80 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide surrounding phospho Ser55 of human Hec1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Kangaroo rat (<i>Dipodomys</i> sp.), Mouse, Rat
Purification:	Purified by antigen-affinity chromatography.
Grade:	KO Validated

Target Details

Target:	NDC80
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Target Details

Alternative Name:	NDC80 kinetochore complex component (NDC80 Products)
Background:	Synonyms: NDC80 kinetochore complex component , HEC , HEC1 , HsHec1 , KNTC2 , TID3 , hsNDC80 Background: HEC is one of several proteins involved in spindle checkpoint signaling. This surveillance mechanism assures correct segregation of chromosomes during cell division by detecting unaligned chromosomes and causing prometaphase arrest until the proper bipolar attachment of chromosomes is achieved.[supplied by OMIM]
Molecular Weight:	80 kDa
Gene ID:	10403
UniProt:	O14777
Pathways:	Maintenance of Protein Location

Application Details

Application Notes:	Recommended Starting Dilutions: For WB: 1:500-1:3000 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 (GTX70017-PEP) , HeLa (100 ng/ml Nocodazole treatment for 24 hr) Validation: KO/KD, Orthogonal
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.26 mg/mL
Buffer:	1XPBS pH 7, 1 % BSA, 20 % Glycerol, 0.025 % ProClin 300
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

Handling

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.