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Datasheet for ABIN713846
anti-NDC80 antibody (AA 21-120)

Overview

Quantity:	100 µL
Target:	NDC80
Binding Specificity:	AA 21-120
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDC80 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human HEC1
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	NDC80
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Target Details

Alternative Name:	HEC1 (NDC80 Products)
Background:	<p>Synonyms: HEC 1, HEC, Highly Expressed in Cancer, Highly expressed in cancer protein, Highly expressed in cancer rich in leucine heptad repeats, HsHec1, hsNDC80, Kinetochores Associated 2, Kinetochores associated protein 2, Kinetochores protein Hec1, Kinetochores protein NDC80 homolog, Kinetochores-associated protein 2, KNTC 2, KNTC2, NDC 80, NDC80, NDC80_HUMAN, Retinoblastoma associated protein HEC, Retinoblastoma-associated protein HEC.</p> <p>Background: Acts as a component of the essential kinetochores-associated NDC80 complex, which is required for chromosome segregation and spindle checkpoint activity. Required for kinetochores integrity and the organization of stable microtubule binding sites in the outer plate of the kinetochores.</p>
Gene ID:	10403
Pathways:	Maintenance of Protein Location

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
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

Handling

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

Expiry Date: 12 months