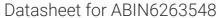
antibodies - online.com







anti-NDC80 antibody (C-Term)





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Quantity:	100 μL	
Target:	NDC80	
Binding Specificity:	C-Term	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This NDC80 antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)	
Product Details		
Immunogen:	A synthesized peptide derived from human NDC80, corresponding to a region within C-terminal amino acids.	
Isotype:	IgG	
Specificity:	NDC80 Antibody detects endogenous levels of total NDC80.	
Predicted Reactivity:	Dog	
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).	

Target Details

Target: NDC80

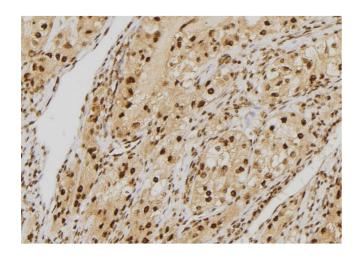
Target Details

Alternative Name:	NDC80 (NDC80 Products)	
Background:	Description: Acts as a component of the essential kinetochore-associated NDC80 complex,	
	which is required for chromosome segregation and spindle checkpoint activity	
	(PubMed:9315664, PubMed:12351790, PubMed:14654001, PubMed:14699129,	
	PubMed:15062103, PubMed:15235793, PubMed:15239953, PubMed:15548592,	
	PubMed:16732327). Required for kinetochore integrity and the organization of stable	
	microtubule binding sites in the outer plate of the kinetochore (PubMed:15548592). The NDC80	
	complex synergistically enhances the affinity of the SKA1 complex for microtubules and may	
	allow the NDC80 complex to track depolymerizing microtubules (PubMed:23085020). Plays a	
	role in chromosome congression and is essential for the end-on attachment of the	
	kinetochores to spindle microtubules (PubMed:25743205, PubMed:23891108).	
	Gene: NDC80	
Molecular Weight:	74kDa	
Gene ID:	10403	
UniProt:	014777	
Pathways:	Maintenance of Protein Location	
Application Details		
Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 mg/mL	
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 %	
	glycerol.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which	
	should be handled by trained staff only.	
Storage:	-20 °C	
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.	

Expiry Date:

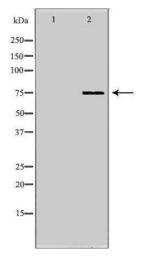
12 months

Images



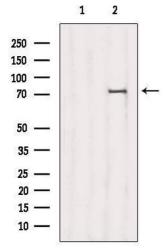
Immunohistochemistry

Image 1. ABIN6277572 at 1/100 staining Human kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22_iãC. An HRP conjugated goat anti-rabbit antibody was used as the secondary



Western Blotting

Image 2. Western blot analysis of K562 whole cell lysates, using NDC80 Antibody. The lane on the left is treated with the antigen-specific peptide.



Western Blotting

Image 3. Western blot analysis of extracts from 3T3, using NDC80 Antibody. The lane on the left was treated with blocking peptide.

Please check the product details page for more images. Overall 4 images are available for ABIN6263548.