

Datasheet for ABIN1679041
anti-Cyclin B2 antibody (AA 1-100)[2 Images](#)[2 Publications](#)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Cyclin B2 (CCNB2)
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cyclin B2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-100 of human Cyclin B2 (NP_004692.1).
Sequence:	MALLRRPTVS SDLENIDTGV NSKVKSHVTI RRTVLEEIGN RVTTRAAQVA KKAQNTKVPV QPTKTTNVNK QLKPTASVKP VQMEKLAPKG PSPTPEDVSM
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	Cyclin B2 (CCNB2)
Alternative Name:	CCNB2 (CCNB2 Products)
Background:	Cyclin B2 is a member of the cyclin family, specifically the B-type cyclins. The B-type cyclins, B1 and B2, associate with p34cdc2 and are essential components of the cell cycle regulatory machinery. B1 and B2 differ in their subcellular localization. Cyclin B1 co-localizes with microtubules, whereas cyclin B2 is primarily associated with the Golgi region. Cyclin B2 also binds to transforming growth factor beta RII and thus cyclin B2/cdc2 may play a key role in transforming growth factor beta-mediated cell cycle control.,CCNB2,HsT17299,cyclin B2,Epigenetics & Nuclear Signaling,Cell Biology & Developmental Biology,Cell Cycle,Centrosome,Cyclins,G2/M DNA Damage Checkpoint,CCNB2
Molecular Weight:	45 kDa
Gene ID:	9133
UniProt:	O95067
Pathways:	Cell Division Cycle, M Phase

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:100 - 1:200
Restrictions:	For Research Use only

Handling

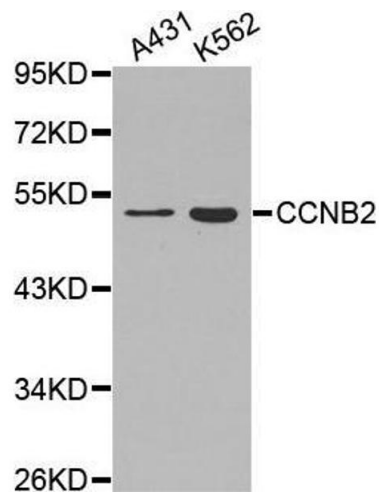
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Publications

Product cited in:	Cao, Liu, Yue, Liu, Pei, Gu, Wang, Jia: "Iron chelation inhibits cancer cell growth and modulates global histone methylation status in colorectal cancer." in: Biometals : an international journal on the role of metal ions in biology, biochemistry, and medicine , Vol. 31, Issue 5, pp. 797-805,
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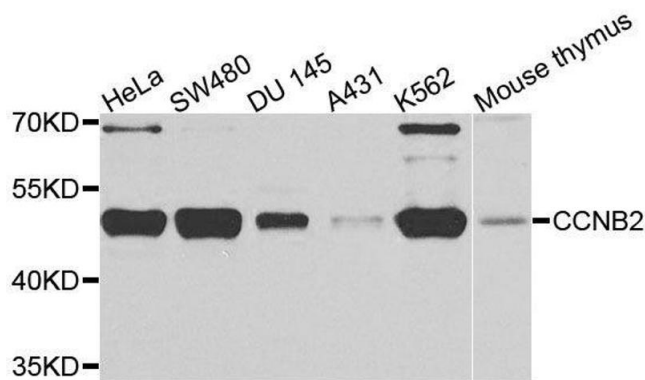
(2018) ([PubMed](#)).

Images



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using CCNB2 antibody.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using CCNB2 antibody.