



Datasheet for ABIN1682293 anti-PKN1 antibody (AA 1-300)



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5 Images

Overview

Quantity:	100 µg
Target:	PKN1
Binding Specificity:	AA 1-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human PKN1 (NP_002732.3).
Sequence:	MASDAVQSEP RSWLLEQLG LAGADLAAPG VQQQLELERE RLRREIRKEL KLKEGAENLR RATDDLGRSL GPVELLLRGS SRRLDLLHQQ LQELHAHVVL PDPAATHDGP QSPGAGGPTC SATNLSRVAG LEKQLAIELK VKQGAENMIQ TYSNGSTKDR KLLLTAQQML QDSKTKIDII RMQLRRALQA GQLENQAAPD DTQGSPDLGA VELRIEELRH HFRVEHAVAE GAKNVLRLLS AAKAPDRKAV SEAQEKLTES NQKLGLLREA LERRLGELPA DHPKGRLLRE ELAAASSAAF
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

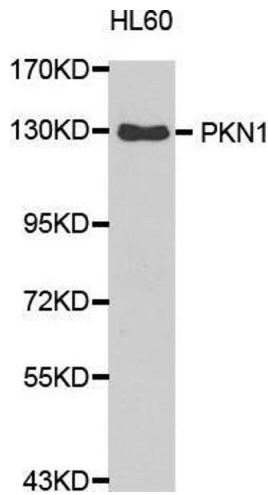
Target:	PKN1
Alternative Name:	PKN1 (PKN1 Products)
Background:	<p>The protein encoded by this gene belongs to the protein kinase C superfamily. This kinase is activated by Rho family of small G proteins and may mediate the Rho-dependent signaling pathway. This kinase can be activated by phospholipids and by limited proteolysis. The 3-phosphoinositide dependent protein kinase-1 (PDPK1/PDK1) is reported to phosphorylate this kinase, which may mediate insulin signals to the actin cytoskeleton. The proteolytic activation of this kinase by caspase-3 or related proteases during apoptosis suggests its role in signal transduction related to apoptosis. Alternatively spliced transcript variants encoding distinct isoforms have been observed.,PKN1,DBK,PAK-1,PAK1,PKN,PKN-ALPHA,PRK1,PRKCL1,Epigenetics & Nuclear Signaling,Signal Transduction,Kinase,PKN1</p>
Molecular Weight:	104 kDa
Gene ID:	5585
UniProt:	Q16512

Application Details

Application Notes:	WB,1:500 - 1:1000
Restrictions:	For Research Use only

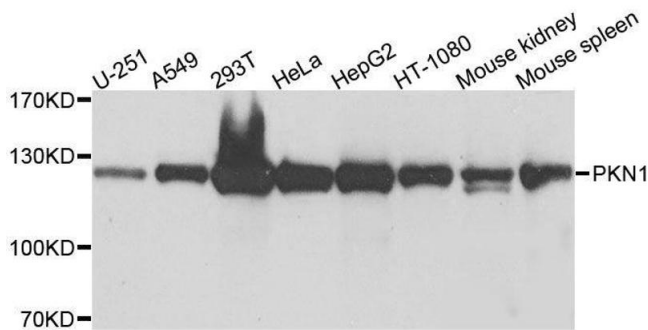
Handling

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.



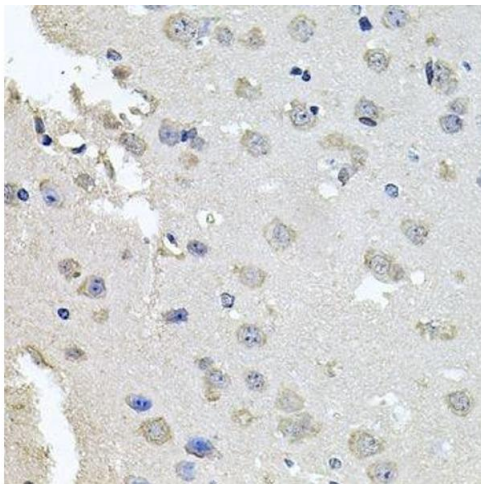
Western Blotting

Image 1.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using PKN1 antibody.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded mouse brain using PKN1 antibody.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN1682293.