

Anti-PKN1 Antibody

Catalog Number: A02879

About PKN1

Plays a role in the microtubule-dependent coupling of the nucleus and the centrosome. Involved in the processes that regulate centrosome-mediated interkinetic nuclear migration (INM) of neural progenitors. By similarity. May be involved in the control of cell growth and differentiation. May contribute to cancer.

Still I.H., Genomics 58:165-170(1999).

McKeveney P.J. Br. J. Haematol. 112:1016-1024(2001).

Gangisetty O., Oncogene 23:2559-2563(2004).

Overview

Product Name	Anti-PKN1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-PKN1 Antibody catalog # A02879. Tested in WB, ICC applications. This antibody reacts with Human, Mouse, Rat.
Application	ICC, WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q16512

Technical Details

Immunogen	Synthesized peptide derived from C-terminal of human TACC3.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

WB: 1:500-1:1000

ICC: 1:50-1:200

Anti-PKN1 Antibody (A02879) Images

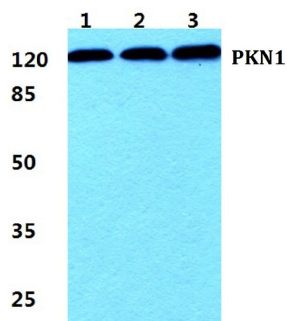


Figure 1. Western blotting validation for Anti-PKN1 Antibody A02879

Western blot (WB) analysis of PKN1 polyclonal antibody at 1:500 dilution

Lane1:MCF-7 whole cell lysate(40ug)

Lane2:AML-12 whole cell lysate(40ug)

Lane3:BV2 whole cell lysate(40ug)

Lane4:C6 whole cell lysate(40ug)

Lane5:H9C2 whole cell lysate(40ug)

Electrophoresis was performed on a SDS-PAGE gel. To determine SDS-PAGE gel concentration

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