

Rabbit PKN1 Polyclonal Antibody | anti-PKN1 antibody

Anti-PKN1 Antibody (Internal)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162369	Rabbit	Human Predicted: Mouse, Bovine, Monkey	Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry

PRODUCT SYNONYMS

PKN1; Polyclonal Antibody; Anti-PKN1 Antibody (Internal); Rabbit Polyclonal to Human PKN1; PKN; Protein kinase C-like PKN; Protein kinase N1; PRK1; PRKCL1; Serine-threonine kinase N; Pknalpha; Protease-activated kinase 1; Protein kinase PKN-alpha; DBK; PAK-1; PKN-ALPHA; Protein kinase C-like 1; anti-PKN1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted: Mouse, Bovine, Monkey
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of PKN1 protein.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, pH 7.3, 0.01% sodium azide, 30% glycerol.
Sequence Length	942
Applicable Applications for anti-PKN1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the central region of human PKN1.
Conjugation	Unconjugated
Epitope	Internal
Preparation and Storage	Store at -20 degree C. Aliquot to avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of PKN1 expression in HEK293T (A); HepG2 (B); SP2/O (C); NIH3T3 (D) whole cell lysates.

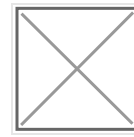


IF (Immunofluorescence)

Immunofluorescent analysis of PKN1 staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)
Human Kidney: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)
Human Colon: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-PKN1 antibody	serine/threonine-protein kinase involved in various processes such as regulation of the intermediate filaments of the actin cytoskeleton, cell migration, tumor cell invasion and transcription regulation. Regulates the cytoskeletal network by phosphorylating proteins such as VIM and neurofilament proteins NEFH, NEFL and NEFM, leading to inhibit their polymerization.
Product Categories/Family for anti-PKN1 antibody	Protein Kinase ; PKN

NCBI AND UNIPROT INFORMATION

NCBI GI #	47132589
NCBI GeneID	5585
NCBI Accession #	NP_002732.3
NCBI GenBank Nucleotide #	NM_002741.3
UniProt Accession #	Q16512 ; Q15143 ; Q504U4 ; Q8IUW5 ; Q9UD44 ; A8K7W5 ; B2R9R4 ; B3KVN3
Molecular Weight	66,060 Da
NCBI Official Full Name	serine/threonine-protein kinase N1 isoform 2
NCBI Official Synonym Full Names	protein kinase N1
NCBI Official Symbol	PKN1
NCBI Official Synonym Symbols	DBK; PKN; PAK1; PRK1; PAK-1; PRKCL1; PKN-ALPHA
NCBI Protein Information	serine/threonine-protein kinase N1
UniProt Protein Name	Serine/threonine-protein kinase N1
UniProt Gene Name	PKN1
UniProt Synonym Gene Names	PAK1; PKN; PRK1; PRKCL1; PAK-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/pkn1-antibody-western-blot-immunohistochemistry-immunofluorescence-immunocytochemistry-elisa/162369>