

PKN2 recombinant antibody

Recombinant Anti-PKN2 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA266333	Rabbit	Human	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

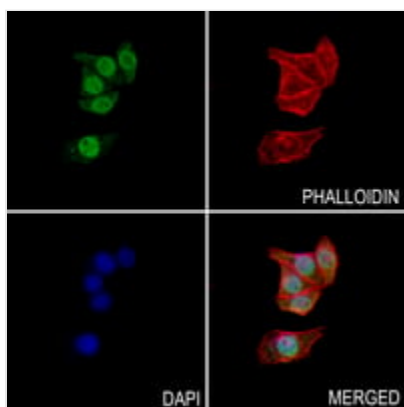
PRODUCT SYNONYMS

PKN2; Monoclonal Recombinant Antibody; Recombinant Anti-PKN2 Rabbit mAb; PRK2; PRKCL2; Serine/threonine-protein kinase N2; PKN gamma; Protein kinase C-like 2; Protein-kinase C-related kinase 2; PKN2 recombinant antibody

PRODUCT SPECIFICATIONS

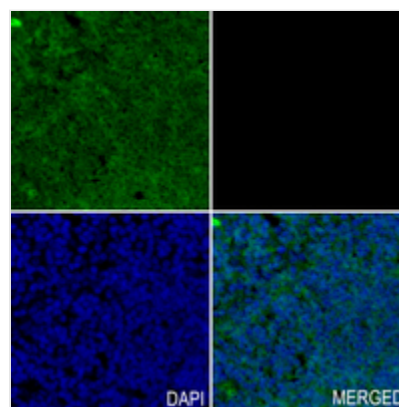
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of PKN2 protein
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in PBS, pH7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.
Applicable Applications for PKN2 recombinant antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within human PKN2. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



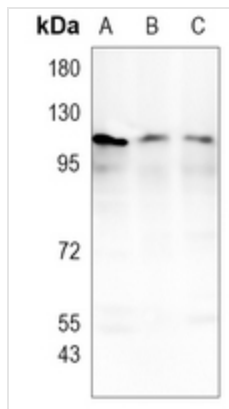
IF (Immunofluorescence)

Immunofluorescent analysis of PKN2 staining in MCF7 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 degree C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of PKN2 staining in human tonsil formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. Tyramide-AF488 (green) was used as the chromogen. The section was then counterstained with DAPI (blue).



WB (Western Blot)

Western blot analysis of PKN2 expression in HEK293T (A), HepG2 (B), HeLa (C) whole cell lysates. (Predicted band size: 112 kD; Observed band size: 112 kD)

ADDITIONAL INFORMATION

Related Product Information for PKN2 recombinant antibody	Recombinant rabbit monoclonal antibody to PKN2
Product Categories/Family for PKN2 recombinant antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	6225859
NCBI GeneID	5586
UniProt Accession #	Q16513; Q08AF4; Q9H1W4; B4DQ21; B4DTP5; B4DVG1; D3DT24
Molecular Weight	984
NCBI Official Full Name	Serine/threonine-protein kinase N2
NCBI Official Synonym Full Names	protein kinase N2
NCBI Official Symbol	PKN2
NCBI Official Synonym Symbols	PAK2; PRK2; STK7; Pak-2; PRKCL2; PRO2042
NCBI Protein Information	serine/threonine-protein kinase N2; PKN gamma; protein kinase C-like 2; protein-kinase C-related kinase 2; cardiolipin-activated protein kinase Pak2
UniProt Protein Name	Serine/threonine-protein kinase N2
UniProt Gene Name	PKN2
UniProt Synonym Gene Names	PRK2; PRKCL2
UniProt Entry Name	PKN2_HUMAN

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/monoclonal/pkn2-recombinant-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/266333>