

Product Datasheet

PKN2 Antibody (20A8) - BSA Free **NBP3-26379-100ul**

Unit Size: 100 ul

Store at -20 to -70C. Avoid freeze-thaw cycles.

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NBP3-26379-100ul

PKN2 Antibody (20A8) - BSA Free

Product Information

Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20 to -70C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	20A8
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, pH 7.4, 150mM NaCl, and 50% glycerol

Product Description

Host	Rabbit
Gene ID	5586
Gene Symbol	PKN2
Species	Human
Immunogen	A synthesized peptide derived from Human PKN2 [UniProt Q16513]

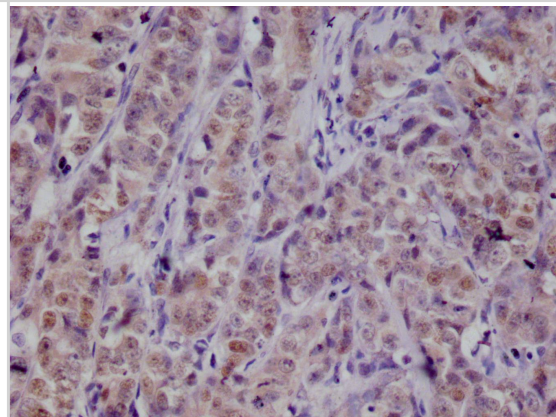
Product Application Details

Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:200, ELISA, Immunohistochemistry 1:50-1:200, Immunocytochemistry/ Immunofluorescence 1:50-1:200



Images

Immunohistochemistry: PKN2 Antibody (20A8) [NBP3-26379] - Image of PKN2 Antibody (20A8) diluted at 1:100 and staining in paraffin-embedded human colon cancer performed. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB.



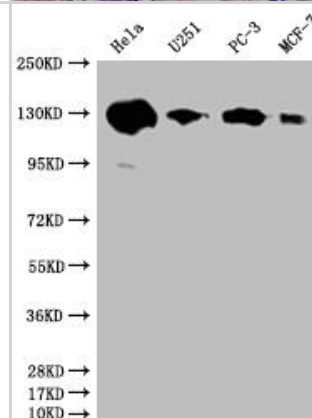
Western Blot: PKN2 Antibody (20A8) [NBP3-26379] - Positive Western Blot detected in: HeLa whole cell lysate, U251 whole cell lysate, PC3 whole cell lysate, MCF-7 whole cell lysate.

All lanes: PKN2 Antibody at 1: 2000

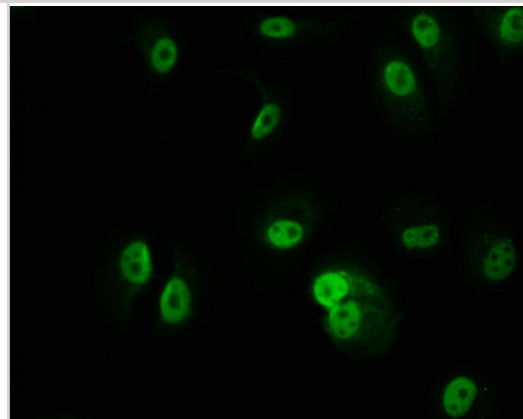
Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution.

Predicted band size: 113, 117, 112 kDa

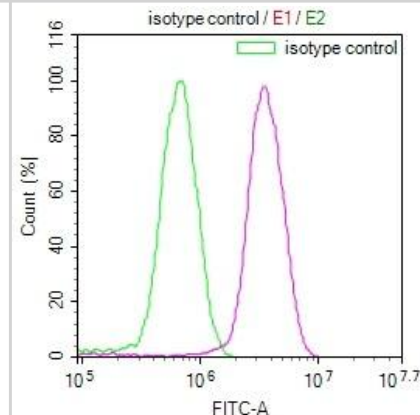
Observed band size: 130 kDa



Immunocytochemistry/Immunofluorescence: PKN2 Antibody (20A8) [NBP3-26379] - Staining of MCF-7 cell with PKN2 Antibody (20A8) at 1:50, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4C. The secondary antibody was Alexa Fluor 509-conjugated Goat Anti-Rabbit IgG (H+L).



Flow Cytometry: PKN2 Antibody (20A8) [NBP3-26379] - Overlay Peak curve showing MCF7 cells stained with PKN2 Antibody (20A8) (red line) at 1:100. The cells were fixed in 4% formaldehyde and permeated by 0.2% Triton X-100. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1*10⁶ cells) for 45min at 4C. The secondary antibody used was FITC-conjugated Goat Anti-rabbit IgG (H+L) at 1:200 dilution for 35min at 4C. Control antibody (green line) was rabbit IgG (1ug/1*10⁶ cells) used under the same conditions. Acquisition of >10,000 events was performed.





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Products Related to NBP3-26379-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-68736PEP	PKN2 Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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