

Mouse Pkn3 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14628A**Specification**

Mouse Pkn3 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q8K045
Other Accession	NP_722500.1
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	97881
Antigen Region	1-30

Mouse Pkn3 Antibody (N-term) - Additional Information**Gene ID** 263803**Other Names**

Serine/threonine-protein kinase N3, Protein kinase PKN-beta, Protein-kinase C-related kinase 3, Pkn3, Pknbeta

Target/Specificity

This Mouse Pkn3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of mouse Pkn3.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Mouse Pkn3 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Mouse Pkn3 Antibody (N-term) - Protein Information**Name** Pkn3

Synonyms Pknbeta

Function Contributes to invasiveness in malignant prostate cancer.

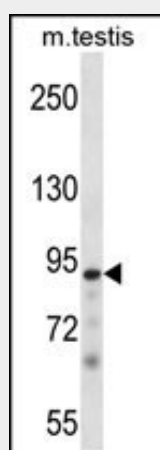
Cellular Location

Nucleus. Cytoplasm, perinuclear region. Note=Nuclear and perinuclear Golgi region

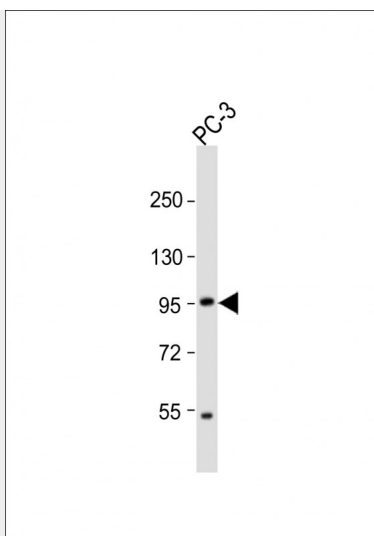
Mouse Pkn3 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Mouse Pkn3 Antibody (N-term) - Images

Mouse Pkn3 Antibody (N-term) (Cat. #AP14628a) western blot analysis in mouse testis tissue lysates (35ug/lane). This demonstrates the Pkn3 antibody detected the Pkn3 protein (arrow).



Anti-Pkn3 Antibody (N-term) at 1:1000 dilution + PC-3 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 98 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Mouse Pkn3 Antibody (N-term) - Background

Pkn3 contributes to invasiveness in malignant prostate cancer.

Mouse Pkn3 Antibody (N-term) - References

Leenders, F., et al. EMBO J. 23(16):3303-3313(2004)

Mouse Pkn3 Antibody (N-term) - Citations

- [The interaction of p130Cas with PKN3 promotes malignant growth.](#)