

PXK Antibody (Center)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP7017c**Specification**

PXK Antibody (Center) - Product Information

Application	WB,E
Primary Accession	Q32NE9
Other Accession	Q4FZZ1 , Q8BX57 , Q7Z7A4
Reactivity	Human
Predicted	Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	43849
Antigen Region	221-251

PXK Antibody (Center) - Additional Information**Other Names**

PX domain-containing protein kinase-like protein; Modulator of Na;K-ATPase; MONaKA; PXK;

Target/Specificity

This PXK antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 221-251 amino acids from the Central region of human PXK.

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 prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

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

PXK Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

PXK Antibody (Center) - Protein Information

Name PXK {ECO:0000313|EMBL:AAI08671.1}

Cellular Location

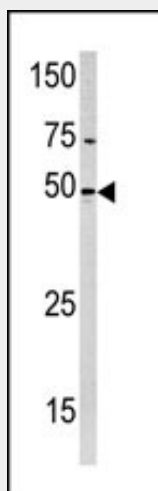
Cytoplasm {ECO:0000256|ARBA:ARBA00004496}.

PXK Antibody (Center) - Protocols

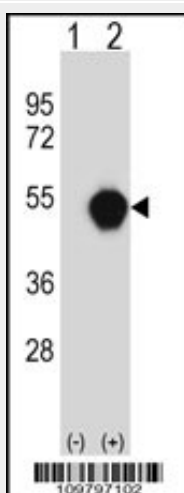
Provided below are standard protocols that you may find useful for product applications.

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

PXK Antibody (Center) - Images



Western blot analysis of anti-PXK Pab (AP7017c) in Hela cell line lysate (35ug/lane). PXK (arrow) was detected using the purified Pab.



Western blot analysis of PXK (arrow) using rabbit polyclonal PXK Antibody (Center) (Cat. #AP7017c). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the PXK gene.

PXK Antibody (Center) - Background

PXK is widely expressed in all tissues examined except in heart. It binds to and modulates brain Na,K-ATPase subunits ATP1B1 and ATP1B3 and may thereby participate in the regulation of electrical excitability and synaptic transmission. However, the protein kinase domain is predicted to be catalytically inactive.

PXK Antibody (Center) - References

Strausberg, R.L., et al., Proc. Natl. Acad. Sci. U.S.A. 99(26):16899-16903 (2002).