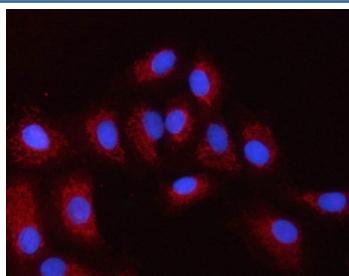


## PXK Antibody / PX domain-containing protein kinase-like protein (RQ8220)

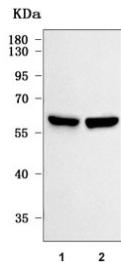
Catalog No.	Formulation	Size
RQ8220	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Monkey
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	Q7Z7A4
<b>Localization</b>	Cytoplasm, cell membrane
<b>Applications</b>	Western Blot : 0.5-1ug/ml Immunofluorescence : 5ug/ml Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This PXK antibody is available for research use only.



Immunofluorescent staining of FFPE human A549 cells with PXK antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of 1) human Jurkat and 2) monkey COS-7 cell lysate with PXK antibody. Expected molecular weight: 51-65 kDa (three isoforms).

## Description

PX domain containing serine/threonine kinase also known as PXK is a protein which in humans is encoded by the PXK gene. This gene encodes a phox (PX) domain-containing protein which may be involved in synaptic transmission and the ligand-induced internalization and degradation of epidermal growth factors. Variations in this gene may be associated with susceptibility to systemic lupus erythematosus (SLE). Alternative splicing results in multiple transcript variants.

## Application Notes

Optimal dilution of the PXK antibody should be determined by the researcher.

## Immunogen

*E. coli*-derived recombinant human protein (amino acids E5-K576) was used as the immunogen for the PXK antibody.

## Storage

After reconstitution, the PXK antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.