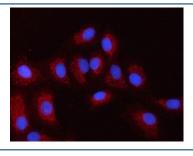


# PXK Antibody / PX domain-containing protein kinase-like protein (RQ8220)

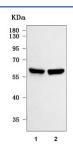
Catalog No.	Formulation	Size
RQ8220	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

## **Bulk quote request**

Availability	1-3 business days
Species Reactivity	Human, Monkey
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q7Z7A4
Localization	Cytoplasm, cell membrane
Applications	Western Blot : 0.5-1ug/ml Immunofluorescence : 5ug/ml Direct ELISA : 0.1-0.5ug/ml
Limitations	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 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.