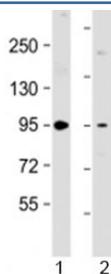


## PKD2 Antibody / Protein kinase D2 (F53969)

Catalog No.	Formulation	Size
F53969-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F53969-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

### Bulk quote request

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse
<b>Predicted Reactivity</b>	Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	Q9BZL6
<b>Applications</b>	Western Blot : 1:500-2000
<b>Limitations</b>	This PKD2 antibody is available for research use only.



Western blot testing of 1) human brain lysate and 2) mouse NIH3T3 cell lysate with PKD2 antibody at 1:2000. Predicted molecular weight: 97 kDa.

## Description

Protein kinase D2 is a serine/threonine-protein kinase that converts transient diacylglycerol (DAG) signals into prolonged physiological effects downstream of PKC, and is involved in the regulation of cell proliferation via MAPK1/3 (ERK1/2) signaling, oxidative stress- induced NF-kappa-B activation, inhibition of HDAC7 transcriptional repression, signaling downstream of T-cell antigen receptor (TCR) and cytokine production, and plays a role in Golgi membrane trafficking, angiogenesis, secretory granule release and cell adhesion.

## **Application Notes**

Titration of the PKD2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## **Immunogen**

A portion of amino acids 556-590 from the human protein was used as the immunogen for the PKD2 antibody.

## **Storage**

Aliquot the PKD2 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.