

Datasheet for ABIN7271382  
**anti-WNK3 antibody (AA 500-600)**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	100 µL
Target:	WNK3
Binding Specificity:	AA 500-600
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WNK3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

## Product Details

Purpose:	WNK3 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 500-600 of human WNK3 (NP_065973.2).
Sequence:	AGCLEERRDS QCKSMGNVFP QPQNTTLPLA PAQQTGAECE ETEVDQHVRQ QLLQRKPQQH CSSVTGDNLS EAGAASVIHS DTSSQPSVAY SSNQTMGSQM V
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

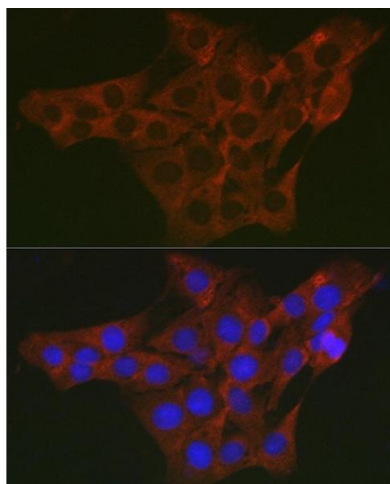
Target:	WNK3
Alternative Name:	WNK3 ( <a href="#">WNK3 Products</a> )
Background:	This gene encodes a protein belonging to the 'with no lysine' family of serine-threonine protein kinases. These family members lack the catalytic lysine in subdomain II, and instead have a conserved lysine in subdomain I. This family member functions as a positive regulator of the transcellular Ca <sup>2+</sup> transport pathway, and it plays a role in the increase of cell survival in a caspase-3-dependent pathway. Alternative splicing results in multiple transcript variants.,WNK3,PRKWNK3,Signal Transduction,Kinase,WNK3
Molecular Weight:	191kDa/192kDa/197kDa/198kDa
Gene ID:	65267
UniProt:	<a href="#">Q9BYP7</a>

## Application Details

Application Notes:	WB,1:200 - 1:2000,IF,1:50 - 1:200
Restrictions:	For Research Use only

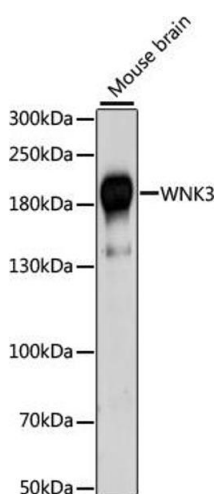
## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



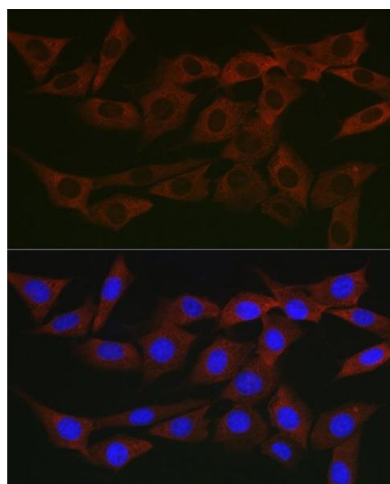
#### Immunofluorescence

**Image 1.** Immunofluorescence analysis of PC-12 cells using WNK3 Rabbit pAb (ABIN7271382) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.



#### Western Blotting

**Image 2.** Western blot analysis of extracts of mouse brain, using WNK3 antibody (ABIN7271382) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.



#### Immunofluorescence

**Image 3.** Immunofluorescence analysis of NIH/3T3 cells using WNK3 Rabbit pAb (ABIN7271382) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7271382.