

# WNK3 Rabbit mAb

Catalog NO.: A23551 **Recombinant**

## Basic Information

### Observed MW

170 kDa

### Calculated MW

198 kDa

### Category

Monoclonal Antibodies

### Applications

WB, IHC-P, ELISA

### Cross-Reactivity

Human, Mouse, Rat

### Conjugation

Unconjugated

### Clone number

ARC60764

## 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.

## Recommended Dilutions

**WB** 1:500 - 1:1000

**IHC-P** 1:50 - 1:200

### ELISA

Recommended starting concentration is 1 µg/mL.  
Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

65267

### Swiss Prot

Q9BYP7

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

PRKWNK3; WNK3

## Contact

## Product Information

|   |  |                      |
|---|--|----------------------|
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| ☒ |  | www.abclonal.com     |

### Source

Rabbit

### Isotype

IgG

### Purification

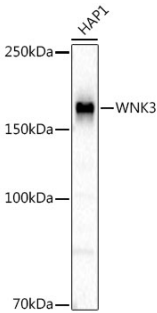
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data



Western blot analysis extracts from HAP1 cells, using WNK3 Rabbit mAb (A23551) at 1:1000 dilution.

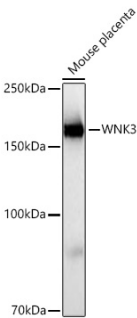
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90 s.



Western blot analysis of lysates from Mouse placenta using WNK3 Rabbit mAb (A23551) at 1:1000 dilution incubated at room temperature for 1.5 hours.

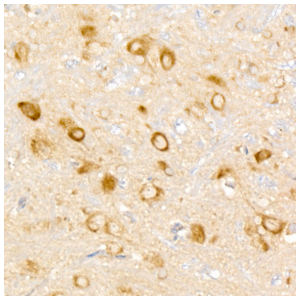
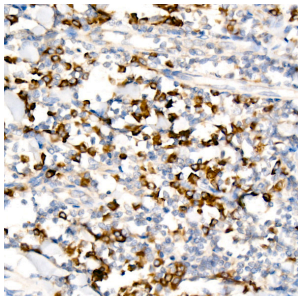
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 45 s.



Immunohistochemistry analysis of paraffin-embedded Human tonsil using WNK3 Rabbit mAb (A23551) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.

Immunohistochemistry analysis of paraffin-embedded Rat brain using WNK3 Rabbit mAb (A23551) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.