

## WNK4 polyclonal antibody (Biotin)

Catalog # PAB15075      Size 100 uL

### Specification

|                     |  |
|---------------------|--|
| Product Description | Rabbit polyclonal antibody raised against synthetic peptide of WNK4.   |
| Immunogen           | A synthetic peptide corresponding to amino acids 200-300 of human WNK4.  |
| Host                | Rabbit   |
| Reactivity          | Human, Mouse, Rat  |
| Specificity         | This antibody can be used to detect mouse and human (very weakly) WNK4 protein. NB600-284 is specific to WNK4 protein. This antibody is useful for Western blot where a band is seen at ~135-155 kD. No other applications have been tested. |
| Form                | Liquid   |
| Conjugation         | Biotin   |
| Recommend Usage     | Western Blot (2 ug/ mL)<br>The optimal working dilution should be determined by the end user.  |
| Storage Buffer      | In PBS   |
| Storage Instruction | Store at 4°C. Do not freeze.   |

### Applications

- Western Blot

### Gene Info — WNK4

|               |                       |
|---------------|-----------------------|
| Entrez GeneID | <a href="#">65266</a> |
| Gene Name     | WNK4                  |

|                    |   |
|--------------------|---|
| Gene Alias         | PHA2B, PRKWNK4  |
| Gene Description   | WNK lysine deficient protein kinase 4   |
| Omim ID            | <a href="#">145260 601844</a>   |
| Gene Ontology      | <a href="#">Hyperlink</a>   |
| Gene Summary       | <p>This gene encodes a member of the WNK family of serine-threonine protein kinases. The kinase is part of the tight junction complex in kidney cells, and regulates the balance between NaCl reabsorption and K(+) secretion. The kinase regulates the activities of several types of ion channels, cotransporters, and exchangers involved in electrolyte flux in epithelial cells. Mutations in this gene result in pseudohypoaldosteronism type IIB</p> |
| Other Designations | protein kinase, lysine deficient 4  |

## Disease

- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Hyperlipidemias](#)
- [Hypertension](#)
- [Hypotension](#)
- [Pseudohypoaldosteronism](#)
- [Syndrome](#)