

## WNK4 polyclonal antibody (DyLight 550)

Catalog # PAB15073      Size 100 uL

### Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of WNK4.
<b>Immunogen</b>	A synthetic peptide corresponding to amino acids 200-300 of human WNK4.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat
<b>Specificity</b>	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.
<b>Form</b>	Liquid
<b>Conjugation</b>	DyLight 550
<b>Purification</b>	Immunogen affinity purification
<b>Recommend Usage</b>	Western Blot (2 ug/ mL) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In 50 mM sodium borate (0.05% sodium azide).
<b>Storage Instruction</b>	Store at 4°C in the dark.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

### 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	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
Other Designations	protein kinase, lysine deficient 4

## Disease

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