

## Datasheet

### WNK4 polyclonal antibody (DyLight 488)

**Catalog Number:** PAB15074

**Regulatory Status:** For research use only (RUO)

**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

**Applications:** WB

(See our web site product page for detailed applications information)

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**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:** DyLight 488

**Recommend Usage:** Western Blot (2 ug/ mL)  
The optimal working dilution should be determined by the end user.

**Storage Buffer:** In 50 mM sodium borate

**Storage Instruction:** Store at 4°C. Do not freeze.

**Entrez GeneID:** 65266

**Gene Symbol:** WNK4

**Gene Alias:** PHA2B, PRKWNK4

**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]