

WNK4 polyclonal antibody (DyLight 650)

Catalog # PAB15072 Size 100 uL

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of WNK4.
Immunogen	A synthetic peptide corresponding to residues within 200-300 of human WNK4.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	This antibody is useful for Western blot where a band is seen at ~135-155 kD.
Form	Liquid
Conjugation	DyLight 650
Purification	Immunogen affinity purification
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 (0.05% sodium azide).
Storage Instruction	Store at 4°C in the dark.
Note	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 [65266](#)

Protein Accession#	Q96J92
Gene Name	WNK4
Gene Alias	PHA2B, PRKWNK4
Gene Description	WNK lysine deficient protein kinase 4
Omim ID	145260 601844
Gene Ontology	Hyperlink
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](#)