

## Summary

Production Name	WNK2 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human, Mouse

### Performance

Conjugation	Unconjugated
Modification	Unmodified
lsotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, and 0.02% New type preservative N.
Purification	Affinity purification

### Immunogen

Gene Name	WNK2 KIAA1760 PRKWNK2 SDCCAG43 P/OKcl.13	
Alternative Names		
Gene ID	65268.0	
SwissProt ID	Q9Y3S1.Synthesized peptide derived from human protein . at AA range: 1120-1200	

## Application

Dilution Ratio	IHC 1:50-300
Molecular Weight	252kD

### Background

The protein encoded by this gene is a cytoplasmic serine-threonine kinase that belongs to the protein kinase superfamily. The protein plays an important role in the regulation of electrolyte homeostasis, cell signaling survival, and proliferation.

## Product Name: WNK2 Rabbit Polyclonal Antibody Catalog #: APRab19911



Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013],catalytic activity:ATP + a protein = ADP + a phosphoprotein.,caution:Cys-224 is present instead of the conserved Lys which is expected to be an active site residue. Lys-207 appears to fulfill the required catalytic function.,cofactor:Magnesium.,enzyme regulation:Activation requires autophosphorylation of Ser-356. Phosphorylation of Ser-352 also promotes increased activity.,similarity:Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. WNK subfamily.,similarity:Contains 1 protein kinase domain.,tissue specificity:Predominantly expressed in heart, brain and colon.,

## **Research Area**

# Image Data



### Note

For research use only.