

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.