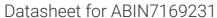
antibodies -online.com





anti-WNK3 antibody (AA 1018-1181) (Biotin)



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Quantity:	100 μg
Target:	WNK3
Binding Specificity:	AA 1018-1181
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WNK3 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Serine/threonine-protein kinase WNK3 protein (1018-1181AA)	
Isotype:	IgG	
Cross-Reactivity:	Human	
Purification:	>95%, Protein G purified	

Target Details

Target:	WNK3	
Alternative Name:	WNK3 (WNK3 Products)	
Background:	Background: Serine/threonine kinase which plays an important role in the regulation of	
	electrolyte homeostasis, cell signaling, survival and proliferation. Acts as an activator and	

Target Details

inhibitor of sodium-coupled chloride cotransporters and potassium-coupled chloride cotransporters respectively (PubMed:16275913, PubMed:16275911, PubMed:16357011). Phosphorylates WNK4. Regulates the phosphorylation of SLC12A1 and SLC12A2. Increases Ca(2+) influx mediated by TRPV5 and TRPV6 by enhancing their membrane expression level via a kinase-dependent pathway (PubMed:18768590). Inhibits the activity of KCNJ1 by decreasing its expression at the cell membrane in a non-catalytic manner.

Aliases: KIAA1566 antibody, PRKWNK 3 antibody, PRKWNK3 antibody, Protein kinase lysine deficient 3 antibody, Protein kinase lysine-deficient 3 antibody, Protein kinase with no lysine 3 antibody, Serine/threonine protein kinase WNK3 antibody, Serine/threonine-protein kinase WNK3 antibody, WNK 3 antibody, WNK lysine deficient protein kinase 3 antibody, WNK3 antibody, WNK3_HUMAN antibody

UniProt:

Q9BYP7

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	Preservative: 0.03 % Proclin 300	
	Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be	
	handled by trained staff only.	
Storage:	-20 °C,-80 °C	
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.	