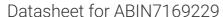
# antibodies .- online.com







## anti-WNK2 antibody (AA 1177-1464) (HRP)



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Quantity:	100 μg
Target:	WNK2
Binding Specificity:	AA 1177-1464
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WNK2 antibody is conjugated to HRP
Application:	ELISA

### **Product Details**

Immunogen:	Recombinant Human Serine/threonine-protein kinase WNK2 protein (1177-1464AA)	
Isotype:	IgG	
Cross-Reactivity:	Human	
Purification:	>95%, Protein G purified	

## Target Details

Target:	WNK2
Alternative Name:	WNK2 (WNK2 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

inhibitor of sodium-coupled chloride cotransporters and potassium-coupled chloride cotransporters respectively. Activates SLC12A2, SCNN1A, SCNN1B, SCNN1D and SGK1 and inhibits SLC12A5. Negatively regulates the EGF-induced activation of the ERK/MAPK-pathway and the downstream cell cycle progression. Affects MAPK3/MAPK1 activity by modulating the activity of MAP2K1 and this modulation depends on phosphorylation of MAP2K1 by PAK1. WNK2 acts by interfering with the activity of PAK1 by controlling the balance of the activity of upstream regulators of PAK1 activity, RHOA and RAC1, which display reciprocal activity. Aliases: WNK2 antibody, KIAA1760 antibody, PRKWNK2 antibody, SDCCAG43 antibody, P/OKcl.13 antibody, Serine/threonine-protein kinase WNK2 antibody, EC 2.7.11.1 antibody, Antigen NY-CO-43 antibody, Protein kinase lysine-deficient 2 antibody, Protein kinase with no lysine 2 antibody, Serologically defined colon cancer antigen 43 antibody

UniProt:

09Y3S1

Pathways:

Photoperiodism

### **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.