

bs-1945R**[Primary Antibody]****WNK3 Rabbit pAb**

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ELISA (1:5000-10000) Reactivity: Rat (predicted: Human, Mouse, Rabbit, Cow) Predicted MW.: 198 kDa Subcellular Location: Cytoplasm
Clonality: Polyclonal		
GeneID: 65267	SWISS: Q9BYP7	
Target: WNK3		
Immunogen: KLH conjugated synthetic peptide derived from human WNK3: 451-550/1800. < Cytoplasmic >		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: WNK3 (WNK lysine deficient protein kinase 3) belongs to the serine/threonine protein kinase family. It lacks the almost invariant catalytic lysine in subdomain II, which is important for binding ATP in the catalytic site. A conserved lysine in subdomain I is thought to provide this function. WNK3 activates Na-(K)-Cl cotransporters by increasing their phosphorylation and appears to be a crucial component of the kinase/phosphatase signaling pathway that coordinately regulates the Cl ⁻ influx and efflux branches of the SLC12A cotransporter family.		