

WNK4 Antibody HRP Conjugated

Catalog No: #C00268H

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Description

| | |
|-----------------------|--|
| Product Name | WNK4 Antibody HRP Conjugated |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Purification | Purified by Protein A. |
| Applications | WB IHC-P |
| Species Reactivity | Hu Ms Rt |
| Immunogen Description | KLH conjugated synthetic peptide derived from human WNK4 |
| Conjugates | HRP |
| Target Name | WNK4 |
| Other Names | PHA 2B; PHA2B; PRKWINK 4; PRKWINK4; Protein kinase lysine deficient 4; Protein kinase with no lysine 4; Serine threonine protein kinase WNK4; WNK lysine deficient protein kinase 4; WNK4_HUMAN. |
| Accession No. | NCBI Gene ID65266 |
| Concentration | 1mg ml |
| Formulation | 10mM Tris Buffered Saline containing 1% BSA, 50% glycerol and 0.09% Gentamicin. |
| Storage | Store at 4C for 12 months. |

Application Details

Western blotting: 1:100-1000 Immunohistochemistry: 1:100-500

Background

Regulates the activity of the thiazide-sensitive Na-Cl cotransporter, SLC12A3, by phosphorylation which appears to prevent membrane trafficking of SLC12A3. Also inhibits the renal K(+)channel, KCNJ1, via a kinase-independent mechanism by which it induces clearance of the protein from the cell surface by clathrin-dependent endocytosis. WNK4 appears to act as a molecular switch that can vary the balance between NaCl reabsorption and K(+)secretion to maintain integrated homeostasis.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.