

## Anti-WNK1 Rabbit Monoclonal Antibody

### Introduction

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 SCNN1A, SCNN1B, SCNN1D and SGK1.

### Product parameters

|                    |  |
|--------------------|--|
| Alternative Names  | WNK1; HSN2; KDP; KIAA0344; PRKWNK1; Serine/threonine-protein kinase WNK1; Erythrocyte 65 kDa protein; p65; Kinase deficient protein; Protein kinase lysine-deficient 1; Protein kinase with no lysine 1; hWNK1 |
| Gene ID            | 65125  |
| Gene Name          | WNK1   |
| SwissProt ID       | Q9H4A3   |
| Host               | Rabbit   |
| Reactivity         | Human, Mouse, Rat  |
| Molecular Weight   | Calculated MW: 251 kDa; Observed MW: 251 kDa   |
| Conjugation        | Unconjugated   |
| Ex                 | -  |
| Em                 | -  |
| Modification       | Unmodified   |
| Clonality          | IgG  |
| Isotype            | Monoclonal Antibody  |
| Clonality No.      | AP-18F8D8  |
| Form               | Liquid   |
| Concentration      | See label  |
| Carrier            | Carrier Free   |
| Immunogen          | A synthesized peptide derived from human WNK1  |
| Purification       | Affinity Chromatography  |
| Buffer System      | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.  |
| Application        | WB, IHC-P  |
| Dilution Ratio     | WB: 1/500-1/1000 IHC: 1/50-1/100   |
| Research Field     | Signal Transduction  |
| Product Categories | Primary antibody   |

|                 |                                  |
|-----------------|----------------------------------|
| Shipping        | Blue ice                         |
| Storage         | -20°C                            |
| Expiration Date | 12 months                        |
| Note            | Please avoid freeze-thaw cycles. |

## Protocol



Configure the product according to the application range and recommended dilution ratio.

**\*Note:** The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

## Note

1. This product is for scientific research use only.



**APExBIO Technology**

**[www.apexbt.com](http://www.apexbt.com)**

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: [info@apexbt.com](mailto:info@apexbt.com)

