

## U-Blot<sup>®</sup> Phospho-Girdin (Tyr1765) Rabbit mAb (WT9071)

### User Manual

#### General Information

|                         |                                                         |
|-------------------------|---------------------------------------------------------|
| <b>Product name</b>     | U-Blot <sup>®</sup> Phospho-Girdin (Tyr1765) Rabbit mAb |
| <b>Product No.</b>      | WT9071                                                  |
| <b>Clonality</b>        | Recombinant monoclonal                                  |
| <b>Clone Number</b>     | W-R45                                                   |
| <b>Alternative name</b> | APE, GIV, GRDN, HkRP1, GIRDIN, CCDC88A                  |

#### Key Features

|                          |                                                         |
|--------------------------|---------------------------------------------------------|
| <b>Target</b>            | Phospho-Girdin (Tyr1765)                                |
| <b>Reactivity</b>        | Human, Mouse, Rat                                       |
| <b>Applications</b>      | IHC-P                                                   |
| <b>Host Species</b>      | Rabbit                                                  |
| <b>Isotype</b>           | IgG                                                     |
| <b>Conjugate</b>         | Unconjugated                                            |
| <b>Modification</b>      | Phosphorylation                                         |
| <b>Modification Site</b> | Tyr1765                                                 |
| <b>Purification</b>      | Protein A affinity purification                         |
| <b>Immunogen</b>         | polypeptide                                             |
| <b>Specific</b>          | Specific for Girdin only when phosphorylated at Tyr1765 |

#### Storage Information

|                    |                                                             |
|--------------------|-------------------------------------------------------------|
| <b>Storage</b>     | Store at -20°C. Avoid repeated freeze-thaw cycles           |
| <b>Stability</b>   | Stable for 12 months from date of receipt / reconstitution. |
| <b>Formulation</b> | PBS, Glycerol, BSA                                          |

## Product Usage Information

| Applications | Dilution   | Recommended Species |
|--------------|------------|---------------------|
| WB           | 1:200-1000 | Human, Mouse, Rat   |

## Target Information

|              |                                                    |
|--------------|----------------------------------------------------|
| Gene name    | CCDC88A                                            |
| Protein name | Coiled-coil domain-containing protein 88A (Girdin) |
| Organism     | Human                                              |
| Gene ID      | 55704                                              |
| SwissProt    | Q3V6T2                                             |

## Background

Bifunctional modulator of guanine nucleotide-binding proteins (G proteins). Acts as a non-receptor guanine nucleotide exchange factor which binds to and activates guanine nucleotide-binding protein G(i) alpha subunits. Also acts as a guanine nucleotide dissociation inhibitor for guanine nucleotide-binding protein G(s) subunit alpha GNAS.

## Cellular Localization

Membrane

**For Research Use Only. Not for Use in Diagnostic Procedures.**