

## CPNE3 Rabbit pAb

CatalogNo: YN7161

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse

#### Applications

- WB

#### MW

- 59kD (Calculated)

#### Isotype

- IgG

### Recommended Dilution Ratios

WB 1:500-2000

### Storage

**Storage\*** -15°C to -25°C/1 year(Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized peptide derived from human CPNE3

**Specificity** This antibody detects endogenous levels of CPNE3 at Human, Mouse

### Target Information

**Gene name** CPNE3 CPN3 KIAA0636

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                         |                          |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|--------------------------|
| Protein Name          | Copine-3 (Copine III)                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                         |                          |
|                       | Organism                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Gene ID                 | UniProt ID               |
|                       | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">8895</a> ;  | <a href="#">O75131</a> ; |
|                       | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">70568</a> ; | <a href="#">Q8BT60</a> ; |
| Cellular Localization | Nucleus . Cytoplasm . Cell membrane . Cell junction . Cell junction, focal adhesion . Associates to the membrane in a calcium-dependent manner (PubMed:20010870). Translocates to the cell membrane and the nucleus in a calcium- or growth factor heregulin-dependent manner (PubMed:21087455, PubMed:20010870). Colocalizes with the tyrosine phosphorylated ERBB2 form at cell membrane and focal adhesions in a calcium- or growth factor heregulin-dependent manner (PubMed:20010870). . |                         |                          |
| Tissue specificity    | Expressed in breast and weakly in prostate and ovarian tissues (PubMed:20010870). Expressed in neutrophils (at protein level) (PubMed:12949241). Widely expressed (PubMed:11041869). Expressed in the brain. Expressed in neutrophil precursors from the bone marrow and peripheral blood (PubMed:12949241). Expressed in primary breast tumors and ovarian endometrioid adenocarcinoma (PubMed:20010870).                                                                                    |                         |                          |
| Function              | Calcium-dependent phospholipid-binding protein that plays a role in ERBB2-mediated tumor cell migration in response to growth factor heregulin stimulation .                                                                                                                                                                                                                                                                                                                                  |                         |                          |

## Validation Data

## Contact information

Orders: order.cn@immunoway.com  
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**CPNE3 Rabbit pAb**

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