

## PLEKHG5 (Phospho Ser881) Rabbit pAb

CatalogNo: YP1795

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB

#### MW

- 117kD (Calculated)

#### Isotype

- IgG

### 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.

### Recommended Dilution Ratios

**WB 1:500-2000**

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized peptide derived from human PLEKHG5 (Phospho-ser881)

**Specificity** This antibody detects endogenous levels of PLEKHG5 (Phospho-ser881) at Human, Mouse, Rat. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):EASLL

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## | Target Information

**Gene name** PLEKHG5 KIAA0720

**Protein Name** PLEKHG5 (Phospho-ser881)

| Organism | Gene ID                  | UniProt ID               |
|----------|--------------------------|--------------------------|
| Human    | <a href="#">57449</a> ;  | <a href="#">O94827</a> ; |
| Mouse    | <a href="#">269608</a> ; | <a href="#">Q66T02</a> ; |
| Rat      | <a href="#">310999</a> ; | <a href="#">Q6RFZ7</a> ; |

**Cellular Localization**

Cytoplasm . Cytoplasm , perinuclear region . Cell membrane . Cell junction . Cell projection , lamellipodium . Predominantly cytoplasmic , however when endothelial cells are stimulated with lysophosphatidic acid , PLEKHG5 is found in perinuclear regions and at the cell membrane. Localizes at cell-cell junctions in quiescent endothelial cells , and relocalizes to cytoplasmic vesicle and the leading edge of lamellipodia in migrating endothelial cells. .

**Tissue specificity**

Predominantly expressed in the peripheral nervous system and brain. Highest expression is observed in heart , lung , kidney , testis and moderate expression is present in spleen , pancreas , skeletal muscle , ovary and liver. Weakly expressed in glioblastoma (GBM) cell lines.

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## | Validation Data

## | Contact information

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**PLEKHG5 (Phospho Ser881) Rabbit pAb**

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