



# PLEKHG5 (Phospho-ser881) rabbit pAb

|                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-Ab-10566                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Reactivity</b>                  | Human; Mouse; Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Applications</b>                | WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Gene Name</b>                   | PLEKHG5 KIAA0720                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Immunogen</b>                   | Synthesized peptide derived from human PLEKHG5 (Phospho-ser881)                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Specificity</b>                 | This antibody detects endogenous levels of PLEKHG5 (Phospho-ser881) at Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, and 0.222% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>                      | Polyclonal, Rabbit, IgG                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Purification</b>                | The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.                                                                                                                                                                                                                                                                                                                                                          |
| <b>Dilution</b>                    | WB 1:500-2000                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Synonyms</b>                    | PLEKHG5; PLEKHG5 KIAA0720; PLEKHG5 (Phospho-ser881); Pleckstrin homology domain-containing family G member 5 (PH domain-containing family G member 5) (Guanine nucleotide exchange factor 720) (GEF720)                                                                                                                                                                                                                                                            |
| <b>Observed Band</b>               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Calculated Molecular Weight</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Cell Pathway</b>                | 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. . |
| <b>Tissue Specificity</b>          | 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.                                                                                                                                                                                     |
| <b>Function</b>                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

## Background

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images