



# VPS13C Rabbit pAb

|                                    |                                                                                                                                                                                                                                                                                                                |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-Ab-18663                                                                                                                                                                                                                                                                                                    |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                            |
| <b>Reactivity</b>                  | Human, Mouse                                                                                                                                                                                                                                                                                                   |
| <b>Applications</b>                | WB                                                                                                                                                                                                                                                                                                             |
| <b>Gene Name</b>                   | VPS13C KIAA1421                                                                                                                                                                                                                                                                                                |
| <b>Immunogen</b>                   | Synthesized peptide derived from human VPS13C                                                                                                                                                                                                                                                                  |
| <b>Specificity</b>                 | This antibody detects endogenous levels of VPS13C at Human, Mouse                                                                                                                                                                                                                                              |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                        |
| <b>Source</b>                      |                                                                                                                                                                                                                                                                                                                |
| <b>Purification</b>                | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-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>                    | BLTP5C; PARK23; VPS13C KIAA1421; Vacuolar protein sorting-associated protein 13C                                                                                                                                                                                                                               |
| <b>Observed Band</b>               | 422 kDa                                                                                                                                                                                                                                                                                                        |
| <b>Calculated Molecular Weight</b> | 422 kDa                                                                                                                                                                                                                                                                                                        |
| <b>Cell Pathway</b>                | Mitochondrion outer membrane . Lipid droplet . Endoplasmic reticulum membrane . Lysosome membrane . Late endosome membrane . May localize to endoplasmic reticulum-endolysosome contact sites. .                                                                                                               |
| <b>Tissue Specificity</b>          | Widely expressed.                                                                                                                                                                                                                                                                                              |
| <b>Function</b>                    | Mediates the transfer of lipids between membranes at organelle contact sites (By similarity). Necessary for proper mitochondrial function and maintenance of mitochondrial transmembrane potential . Involved in the regulation of PINK1/PRKN-mediated mitophagy in response to mitochondrial depolarization . |
| <b>Background</b>                  |                                                                                                                                                                                                                                                                                                                |
| <b>matters needing attention</b>   | 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**