

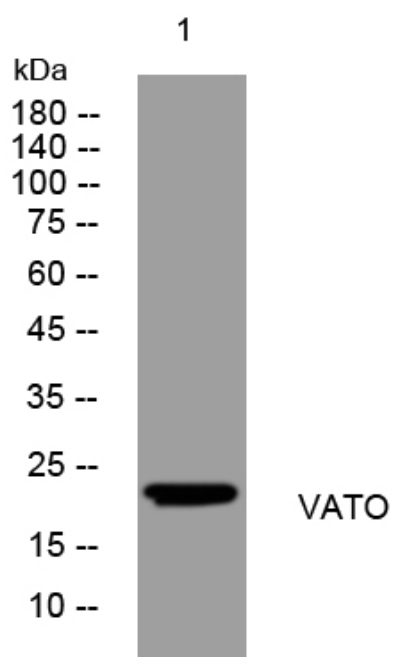


# VATO rabbit pAb

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                | YP-Ab-08259                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Isotype</b>                   | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Reactivity</b>                | Human; Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Applications</b>              | WB                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Gene Name</b>                 | ATP6V0B ATP6F                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Protein Name</b>              | VATO                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Immunogen</b>                 | Synthesized peptide derived from human VATO AA range: 149-199                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Specificity</b>               | This antibody detects endogenous levels of VATO at Human/Mouse                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Formulation</b>               | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% 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>                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Observed Band</b>             |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Cell Pathway</b>              | Cytoplasmic vesicle, clathrin-coated vesicle membrane ; Multi-pass membrane protein .                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Tissue Specificity</b>        | Ubiquitous.                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Function</b>                  | function:Proton-conducting pore forming subunit of the membrane integral V0 complex of vacuolar ATPase. V-ATPase is responsible for acidifying a variety of intracellular compartments in eukaryotic cells.,similarity:Belongs to the V-ATPase proteolipid subunit family.,tissue specificity:Ubiquitous.,                                                                                                                                                 |
| <b>Background</b>                | This gene encodes a portion of the V0 domain of vacuolar ATPase (V-ATPase), a multisubunit enzyme that mediates acidification of eukaryotic intracellular organelles. Activity of this enzyme is necessary for such varied processes as protein sorting, zymogen activation, receptor-mediated endocytosis, and synaptic vesicle proton gradient generation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2014], |
| <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**

Western blot analysis of lysates from HpeG2 cells, primary antibody was diluted at 1:1000, 4°over night