

## Anti-VPS54 antibody

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| <b>Description</b>      | Rabbit polyclonal to VPS54.                                                                                                    |
| <b>Model</b>            | STJ96255                                                                                                                       |
| <b>Host</b>             | Rabbit                                                                                                                         |
| <b>Reactivity</b>       | Human                                                                                                                          |
| <b>Applications</b>     | ELISA, IHC                                                                                                                     |
| <b>Immunogen</b>        | Synthesized peptide derived from human VPS54.                                                                                  |
| <b>Immunogen Region</b> | Internal                                                                                                                       |
| <b>Gene ID</b>          | <a href="#">51542</a>                                                                                                          |
| <b>Gene Symbol</b>      | <a href="#">VPS54</a>                                                                                                          |
| <b>Dilution range</b>   | IHC 1:100-1:300ELISA 1:40000                                                                                                   |
| <b>Specificity</b>      | VPS54 Polyclonal Antibody detects endogenous levels of VPS54 protein.                                                          |
| <b>Purification</b>     | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.          |
| <b>Note</b>             | For Research Use Only (RUO).                                                                                                   |
| <b>Protein Name</b>     | Vacuolar protein sorting-associated protein 54 Hepatocellular carcinoma protein 8 Tumor antigen HOM-HCC-8 Tumor antigen SLP-8p |
| <b>Molecular Weight</b> | 110.589 kDa                                                                                                                    |
| <b>Clonality</b>        | Polyclonal                                                                                                                     |
| <b>Conjugation</b>      | Unconjugated                                                                                                                   |

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| <b>Isotype</b>               | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Formulation</b>           | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Concentration</b>         | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Storage Instruction</b>   | Store at -20°C, and avoid repeat freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Database Links</b>        | <a href="#">HGNC:18652</a> <a href="#">OMIM:614633</a>                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Alternative Names</b>     | Vacuolar protein sorting-associated protein 54 Hepatocellular carcinoma protein 8 Tumor antigen HOM-HCC-8 Tumor antigen SLP-8p                                                                                                                                                                                                                                                                                                                                                    |
| <b>Function</b>              | Acts as component of the GARP complex that is involved in retrograde transport from early and late endosomes to the trans-Golgi network (TGN). The GARP complex is required for the maintenance of the cycling of mannose 6-phosphate receptors between the TGN and endosomes, this cycling is necessary for proper lysosomal sorting of acid hydrolases such as CTSD . Within the GARP complex, required to tether the complex to the TGN. Not involved in endocytic recycling . |
| <b>Cellular Localization</b> | Golgi apparatus, trans-Golgi network                                                                                                                                                                                                                                                                                                                                                                                                                                              |