

**bs-1953R****[ Primary Antibody ]****VPS18 Rabbit pAb**

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**— DATASHEET —**

|   |                      |  |
|---|----------------------|--|
| <b>Host:</b> Rabbit   | <b>Isotype:</b> IgG  | <b>Applications:</b> <b>IHC-P</b> (1:100-500)  |
| <b>Clonality:</b> Polyclonal  |                      | <b>IHC-F</b> (1:100-500)   |
| <b>GeneID:</b> 57617  | <b>SWISS:</b> Q9P253 | <b>IF</b> (1:100-500)  |
| <b>Target:</b> VPS18  |                      | <b>ELISA</b> (1:5000-10000)  |
| <b>Immunogen:</b> KLH conjugated synthetic peptide derived from human VPS18: 701-800/973.   |                      |  |
| <b>Purification:</b> affinity purified by Protein A   |                      | <b>Reactivity:</b> (predicted: Human, Mouse, Rat, Rabbit, Pig, Cow, Chicken, Dog, Horse) |
| <b>Concentration:</b> 1mg/ml  |                      |  |
| <b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.<br>Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.  |                      | <b>Predicted MW.:</b> 107 kDa  |
| <b>Background:</b> Vesicle mediated protein sorting plays an important role in segregation of intracellular molecules into distinct organelles. Genetic studies in yeast have identified more than 40 vacuolar protein sorting (VPS) genes involved in vesicle transport to vacuoles. This gene encodes the human homolog of yeast class C Vps18 protein. The mammalian class C Vps proteins are predominantly associated with late endosomes/lysosomes, and like their yeast counterparts, may mediate vesicle trafficking steps in the endosome/lysosome pathway. |                      | <b>Subcellular Location:</b> Cell membrane ,Cytoplasm                                    |