

## Anti-VPS45A(vacuolar protein sorting 45A) Polyclonal Antibody

Cat. #: 60B884

### Description:

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. VPS45A (vacuolar protein sorting 45A) is a member of the Sec1 domain family, and shows a high degree of sequence similarity to mouse, rat and yeast Vps45. The exact function of this gene is not known, but its high expression in peripheral blood mononuclear cells suggests a role in trafficking proteins, including inflammatory mediators.

### Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to C-terminal residues of human VPS45A (vacuolar protein sorting 45A)

### References

Rajasekariah,P., et al, Int. J. Biochem. Cell Biol. 31 (6), 683-694 (1999)  
Pevsner,J., et al, Gene 183 (1-2), 7-14 (1996)  
Nielsen,E., et al, J. Cell Biol. 151 (3), 601-612 (2000)  
de Renzis,S., et al, Nat. Cell Biol. 4 (2), 124-133 (2002)

Species: Human

Storage and Stability: at -20oC

### Storage buffer:

This antibody is stored in PBS, 0.01% sodium azide and 50% glycerol.

### Preparation:

Purified by antigen-specific affinity chromatography.

### Applications :

ELISA

Western Blotting (1µg/ml for 2hrs)