

## Anti-VPS25(Vacuolar protein sorting protein 25) Polyclonal Antibody

Cat. #: 60B820

### Description:

VPS25(Vacuolar protein sorting protein 25) is a component of the ESCRT-II complex, which is required for multivesicular bodies (MVBs) formation and sorting of endosomal cargo proteins into MVBs. The MVB pathway mediates delivery of transmembrane proteins into the lumen of the lysosome for degradation. The ESCRT-II complex is probably involved in the recruitment of the ESCRT-III complex. The ESCRT-II complex may also play a role in transcription regulation, possibly via its interaction with ELL. The component of a complex at least composed of ELL, SNF8/EAP30, VPS25/EAP20 and VPS36/EAP45. The component of the endosomal sorting required for transport complex II (ESCRT-II) is composed of SNF8, VPS25 and VPS36.

### Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to N-terminal residues of human VPS25(Vacuolar protein sorting protein 25)

### References

von Schwedler, U.K., et al, Cell 114 (6), 701-713 (2003)  
Martin-Serrano, J., et al, Proc. Natl. Acad. Sci. U.S.A. 100 (21), 12414-12419 (2003)  
Martin-Serrano, J., et al, Proc. Natl. Acad. Sci. U.S.A. 100, 152845-152845 (2003)  
Yorikawa, C., et al, Biochem. J. 387 (PT 1), 17-26 (2005)  
Sharma, M., et al, J. Cell Biol. 164 (6), 923-933 (2004)

Clone Number:

Isotype:

Species: Human

Storage and Stability: at -20°C

### 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 (1 µg/ml for 2 hrs)