



VPS16 rabbit pAb

Cat No.:ES12349

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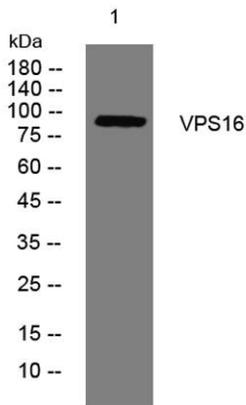
Overview

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|---------------------------------|---|
| Product Name | VPS16 rabbit pAb |
| Host species | Rabbit |
| Applications | WB |
| Species Cross-Reactivity | Human; Mouse |
| Recommended dilutions | WB 1: 500-2000 |
| Immunogen | Synthesized peptide derived from human VPS16 AA range: 568-618 |
| Specificity | This antibody detects endogenous levels of VPS16 at Human/Mouse |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Storage | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| Protein Name | VPS16 |
| Gene Name | VPS16 |
| Cellular localization | Late endosome membrane ; Peripheral membrane protein ; Cytoplasmic side . Lysosome membrane ; Peripheral membrane protein ; Cytoplasmic side . Early endosome . Cytoplasmic vesicle, clathrin-coated vesicle . Cytoplasmic vesicle, autophagosome . Colocalizes |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Clonality | Polyclonal |
| Concentration | 1 mg/ml |
| Observed band | |
| Human Gene ID | 64601 |
| Human Swiss-Prot Number | Q9H269 |
| Alternative Names | |
| Background | 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 Vps16 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. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2009],



Western blot analysis of lysates from DU145 cells, primary antibody was diluted at 1:1000, 4° over night

