



Anti-VPS35 (aa 697-796) polyclonal antibody (DPAB-DC2431)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Antigen Description | This gene belongs to a group of vacuolar protein sorting (VPS) genes. The encoded protein is a component of a large multimeric complex, termed the retromer complex, involved in retrograde transport of proteins from endosomes to the trans-Golgi network. The close structural similarity between the yeast and human proteins that make up this complex suggests a similarity in function. Expression studies in yeast and mammalian cells indicate that this protein interacts directly with VPS35, which serves as the core of the retromer complex. |
| Immunogen | VPS35 (NP_060676, 697 a.a. ~ 796 a.a) partial recombinant protein with GST tag. The sequence is MECLKKALKIANQCMDPSLQVQLFIEILNRYIYFYEKENDAVTIQVLNQLIQKIREDLPN LESSEETEQINKHFHNTLEHLRLRRESPESEGPIY EGLIL |
| Source/Host | Mouse |
| Species Reactivity | Human |
| Conjugate | Unconjugated |
| Applications | WB (Recombinant protein), ELISA, |
| Size | 50 µl |
| Buffer | 50 % glycerol |
| Preservative | None |
| Storage | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

GENE INFORMATION

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| Gene Name | VPS35 vacuolar protein sorting 35 homolog (S. cerevisiae) [Homo sapiens (human)] |
| Official Symbol | VPS35 |
| Synonyms | VPS35; vacuolar protein sorting 35 homolog (S. cerevisiae); MEM3; PARK17; vacuolar protein sorting-associated protein 35; hVPS35; maternal-embryonic 3; |
| Entrez Gene ID | 55737 |
| Protein Refseq | NP_060676 |
| UniProt ID | Q96QK1 |
| Chromosome Location | 16q12 |
| Pathway | Signal Transduction; WNT ligand biogenesis and trafficking; |
| Function | protein binding; |