



## 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

<b>Antigen Description</b>	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.
<b>Immunogen</b>	VPS35 (NP_060676, 697 a.a. ~ 796 a.a) partial recombinant protein with GST tag. The sequence is MECLKKALKIANQCMDPSLQLVQLFIEILNRYIYFYEKENDAVTIQVLNQLIQKIREDLPN LESSEETEQINKHFHNTLEHLRLRRESPSEGPIYEGLIL
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

### GENE INFORMATION

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