



# Anti-VPS41 (aa 755-853) polyclonal antibody (DPAB-DC1344)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	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 ortholog of yeast Vps41 protein which is also conserved in Drosophila, tomato, and Arabidopsis. Expression studies in yeast and human indicate that this protein may be involved in the formation and fusion of transport vesicles from the Golgi. Several transcript variants encoding different isoforms have been described for this gene, however, the full-length nature of not all is known.
<b>Immunogen</b>	VPS41 (NP_055211, 755 a.a. ~ 853 a.a) partial recombinant protein with GST tag. The sequence is  LLREGCKKILVADSLSSLKKMHRTQMKGVLVDEENICESCLSPILPSDAAKPFSVVVFHC RHMFHKECLPMPMSMNSAAQFCNICSNAKRGPGSAILEMK
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Transfected lysate), 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

Gene Name	<a href="#">VPS41 vacuolar protein sorting 41 homolog (S. cerevisiae) [ Homo sapiens (human) ]</a>
Official Symbol	VPS41
Synonyms	VPS41; vacuolar protein sorting 41 homolog (S. cerevisiae); HVPS41; HVSP41; hVps41p; vacuolar protein sorting-associated protein 41 homolog; S53; vacuolar assembly protein 41;
Entrez Gene ID	<a href="#">27072</a>
Protein Refseq	<a href="#">NP_055211</a>
UniProt ID	<a href="#">P49754</a>
Chromosome Location	7p14-p13
Function	microtubule binding; molecular_function; protein binding; zinc ion binding