



Anti-VPS18 (aa 3-100) polyclonal antibody (DPAB-DC2602)

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

PRODUCT INFORMATION

Antigen Description	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 Vps18 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.
Immunogen	VPS18 (NP_065908, 3 a.a. ~ 100 a.a) partial recombinant protein with GST tag. The sequence is SILDEYENSLSRSAVLQPGCPSVGIPHSGYVNAQLEKEVPIFTKQRIDFTPSERITSVV SSNQLCMSLGKDPLLRIDLGKANEPEPNHVELGRKDDAKV
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

Gene Name	VPS18 vacuolar protein sorting 18 homolog (S. cerevisiae) [Homo sapiens (human)]
Official Symbol	VPS18
Synonyms	VPS18; vacuolar protein sorting 18 homolog (S. cerevisiae); PEP3; vacuolar protein sorting-associated protein 18 homolog; hVPS18; vacuolar protein sorting protein 18;
Entrez Gene ID	57617
Protein Refseq	NP_065908
UniProt ID	A0A024R9R3
Chromosome Location	15q14-q15
Function	actin binding; metal ion binding; protein binding;