

VPS33B rabbit monoclonal antibody

Catalog # H00026276-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human VPS33B peptide using ARM Technology.
Immunogen	A synthetic peptide of human VPS33B is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human VPS33B peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	<ol style="list-style-type: none">1. Customer may provide cell or tissue lysate for antibody screening.2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab)₂, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — VPS33B

Entrez GeneID	26276
GeneBank Accession#	VPS33B
Gene Name	VPS33B
Gene Alias	FLJ14848
Gene Description	vacuolar protein sorting 33 homolog B (yeast)
Omim ID	208085 608552
Gene Ontology	Hyperlink
Gene Summary	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 is a member of the Sec-1 domain family, and encodes the human ortholog of rat Vps33b which is homologous to the yeast class C Vps33 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. [provided by RefSeq]
Other Designations	vacuolar protein sorting 33B vacuolar protein sorting 33B (yeast homolog)

Disease

- [Depressive Disorder](#)
- [Genetic Predisposition to Disease](#)