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## anti-VPS51 antibody (AA 595-673) (Biotin)



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Overview		
Quantity:	100 μL	
Target:	VPS51	
Binding Specificity:	AA 595-673	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This VPS51 antibody is conjugated to Biotin	
Application:	ELISA	
Product Details		
Immunogen:	Recombinant Human Vacuolar protein sorting-associated protein 51 homolog protein (595-	
	673AA)	
Isotype:	IgG	
Cross-Reactivity:	Human	
Purification:	>95%, Protein G purified	
Target Details		
Target:	VPS51	
Alternative Name:	VPS51 (VPS51 Products)	
Background:	Background: Acts as component of the GARP complex that is involved in retrograde transport	

from early and late endosomes to the trans-Golgi network (TGN). The GARP complex is required for the maintenance of protein retrieval from endosomes to the TGN, acid hydrolase sorting, lysosome function, endosomal cholesterol traffic and autophagy. VPS51 participates in retrograde transport of acid hydrolase receptors, likely by promoting tethering and SNARE-dependent fusion of endosome-derived carriers to the TGN (PubMed:20685960). Acts as component of the EARP complex that is involved in endocytic recycling. The EARP complex associates with Rab4-positive endosomes and promotes recycling of internalized transferrin receptor (TFRC) to the plasma membrane (PubMed:25799061).

Aliases: ANG2 antibody, ANG3 antibody, Another new gene 2 protein antibody, C11orf3 antibody, chromosome 11 open reading frame 2 antibody, Fat free homolog antibody, Protein fat-free homolog antibody, Vacuolar protein sorting 51 homolog antibody, VPS51 antibody

UniProt:

Q9UID3

## **Application Details**

Application Notes:	Optimal working dilution should be determined by the investigator.	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	-20 °C,-80 °C	
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.	