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## anti-VPS51 antibody (C-Term)



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Overview	
Quantity:	0.1 mg
Target:	VPS51
Binding Specificity:	AA 620-670, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VPS51 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA
Product Details	
Immunogen:	Fat Free antibody was raised against an 18 amino acid synthetic peptide near the carboxy
	terminus of human Fat Free. The immunogen is located within amino acids 620 - 670 of Fat
	Free.
Isotype:	IgG
Specificity:	At least two alternatively spliced isoforms are known to exist, this antibody will detect both
	isoforms.
Purification:	Fat Free Antibody is affinity chromatography purified via peptide column.
Target Details	
Target:	VPS51

Fat Free (VPS51 Products)

Alternative Name:

## Target Details

Background:	Fat Free Antibody: Fat Free, also known as ANG2, was identified though a yeast two-hybrid
	screen using VP53. It is thought to be a structural and functional homolog of the yeast protein
	VPS51, a protein that together with VPS52, VPS53, and VPS54 form the Golgi-associated
	retrograde protein (GARP) complex that mediates the tethering and fusion of endosome-
	derived transport carriers to the trans-Golgi network (TGN). Similar to depletion of any of the
	VPS52, VPS53, or VPS54, depletion of Fat Free using RNAi impairs protein retrieval to the TGN
	indicating that Fat Free is missing component of the GARP complex in most eukaryotes.
Molecular Weight:	86 kDa
Gene ID:	738
NCBI Accession:	NP_037397
UniProt:	Q9UID3
Application Details	
Application Notes:	Fat Free antibody can be used for detection of Fat Free by Western blot at 1 μ,g/mL.
	Antibody validated: Western Blot in mouse samples. All other applications and species not yet
	tested.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Fat Free Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	-20 °C,4 °C
Storage Comment:	Fat Free antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As
	with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies shoul
	not be exposed to prolonged high temperatures.