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## anti-VPS39 antibody (C-Term)



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Quantity:	0.1 mg
Target:	VPS39
Binding Specificity:	AA 710-760, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VPS39 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-
	embedded Sections) (IHC (p))
Product Details	
Immunogen:	VPS39 antibody was raised against a 18 amino acid synthetic peptide near the carboxy
	terminus of human VPS39. The immunogen is located within amino acids 710 - 760 of VPS39.
Isotype:	IgG
Specificity:	At least four isoforms of VPS39 are known to exist, this antibody will detect all four. VPS39
	antibody is predicted not to cross-react with TRAP1.
Purification:	VPS39 Antibody is affinity chromatography purified via peptide column.
Target Details	
Target Details  Target:	VPS39

## **Target Details**

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Background:	VPS39 Antibody: VPS39 is the mammalian homolog of the yeast vacuolar protein VAM6, that in		
	mammals, promotes lysosome clustering and fusion in vivo. VPS39 is also thought to modulat		
	the TGF-beta response by coupling the TGF-beta receptor complex to the Smad pathway.		
	Similar to the related protein TRAP1, the VPS39 protein is essential for early embryonic		
	development, with mice lacking VPS39 dying at or before E6.5.		
Gene ID:	23339		
UniProt:	Q96JC1		
Pathways:	SARS-CoV-2 Protein Interactome		
Application Details			
Application Notes:	VPS39 antibody can be used for detection of VPS39 by Western blot at 0.5 μ,g/mL. Antibody		
	can also be used for immunohistochemistry starting at 5 $\mu$ ,g/mL. For immunofluorescence		
	start at 5 μ,g/mL.		
	Antibody validated: Western Blot in rat samples, Immunohistochemistry in mouse samples and		
	Immunofluorescence in human and mouse samples. All other applications and species not yet		
	tested.		
Restrictions:	For Research Use only		
Handling			
Format:	Liquid		
Concentration:	1 mg/mL		
Buffer:	VPS39 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:	VPS39 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 should		
	not be exposed to prolonged high temperatures.		