

VT A1 Polyclonal Antibody

Catalog NumberPA5-21831

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Published species	Human, Not Applicable
Class	Polyclonal	Tested Applications	
Type	Antibody	Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000
Immunogen	Recombinant fragment corresponding to a region within amino acids 1 and 276 of VTA1 (Uniprot ID#Q9NP79)	Western Blot (WB)	1:500-1:3,000
		Immunocytochemistry (ICC/IF)	1:100-1:1,000
Conjugate	Unconjugated	Published Applications	
Form	Liquid	Immunocytochemistry (ICC/IF)	See 1 publications below
Concentration	0.74 mg/mL	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Purification	Antigen affinity chromatography		
Storage buffer	0.1M tris glycine, pH 7, with 10% glycerol		
Contains	0.01% thimerosal		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

Recommended positive controls: 293T, A431, H1299, HeLaS3, HepG2, Molt-4, Raji. Predicted reactivity: Mouse (92%), Xenopus laevis (80%), Rhesus Monkey (99%), Bovine (95%). Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Background/Target Information

C6ORF55 encodes a protein involved in trafficking of the multivesicular body, an endosomal compartment involved in sorting membrane proteins for degradation in lysosomes.

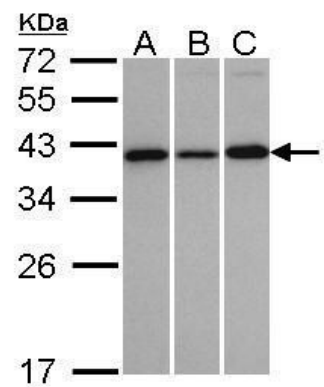
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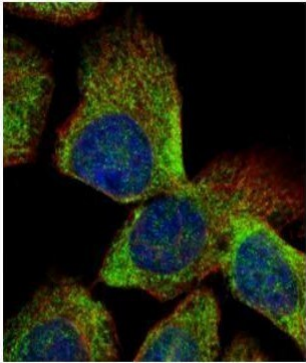
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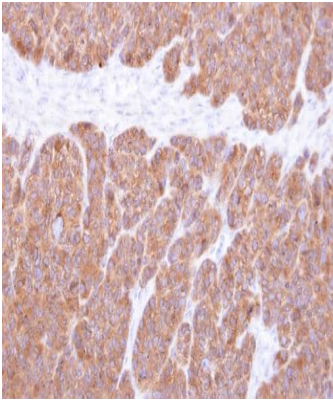
Product Images For VTA1 Polyclonal Antibody



VTA1 Antibody (PA5-21831) in WB
Western Blot using VTA1 Polyclonal Antibody (Product # PA5-21831). Sample (30 µg whole cell lysate). A: H1299. B: HeLa S3. C: MOLT4. 12% SDS PAGE. VTA1 Polyclonal Antibody (Product # PA5-21831) diluted at 1:1,000.



VTA1 Antibody (PA5-21831) in ICC/IF
Confocal immunofluorescence analysis (Olympus FV10i) of methanol-fixed A431, using VTA1 antibody (Product # PA5-21831) (Green) at 1:500 dilution. Alpha-tubulin filaments were labeled with (Product # MA1-25054) (Red) at 1:500.



VTA1 Antibody (PA5-21831) in IHC (P)
Immunohistochemical analysis of paraffin-embedded SW480 xenograft, using VTA1 (Product # PA5-21831) antibody at 1:500 dilution. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.

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PubMed References For VTA1 Polyclonal Antibody

1 Immunocytochemistry References

Species / Dilution	Summary
	PA5-21831 was used in immunocytochemistry to elucidate how the ESCRT machinery and the AAA+ ATPase Vps4 drive membrane scission
Not Applicable / Not Cited	eLife (2014; 3:) "Structure of cellular ESCRT-III spirals and their relationship to HIV budding." Author(s):Cashikar AG,Shim S,Roth R,Maldazys MR,Heuser JE,Hanson PI PubMed Article URL: http://dx.doi.org/10.7554/eLife.02184

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