

# VTA1 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human
Published Species	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant fragment corresponding to a region within amino acids 1 and 276 of VTA1 (Uniprot ID#Q9NP79)
Form	Liquid
Concentration	0.74 mg/mL
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.
RRID	AB_11157863

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:3,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000	-
Immunocytochemistry (ICC/IF)	1:100-1:1,000	2 Publications

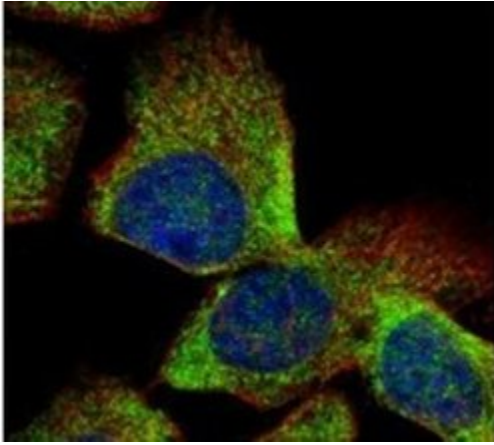
## Product Specific Information

Recommended positive controls: 293T, A431, H1299, HeLaS3, HepG2, Molt-4, Raji.

Predicted reactivity: Mouse (92%), Xenopus laevis (80%), Rhesus Monkey (99%), Bovine (95%).

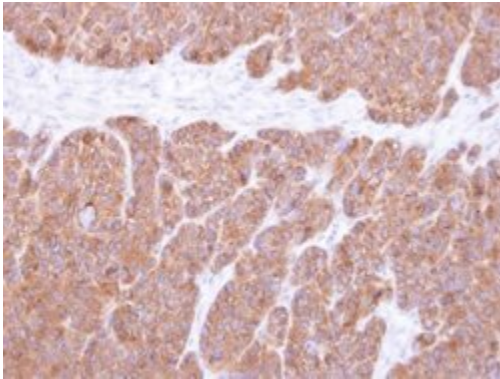
Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

## Product Images For VTA1 Polyclonal Antibody



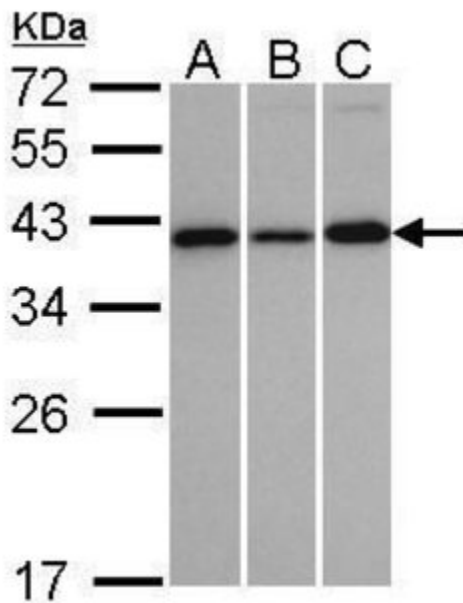
### VTA1 Antibody (PA5-21831) in ICC/IF

Immunofluorescent analysis of Vps20-associated 1 homolog in methanol-fixed A431 cells using a Vps20-associated 1 homolog polyclonal antibody (Product # PA5-21831) (Green) at a 1:500 dilution. Alpha-tubulin filaments were labeled with Product # PA5-29281 (Red) at a 1:500.



### VTA1 Antibody (PA5-21831) in IHC (P)

Immunohistochemical analysis of Vps20-associated 1 homolog in paraffin-embedded SW480 xenograft using a Vps20-associated 1 homolog polyclonal antibody (Product # PA5-21831) at a dilution of 1:500.



### VTA1 Antibody (PA5-21831) in WB

Western blot analysis of Vps20-associated 1 homolog using 30  $\mu$ g of A) H1299 (B) HeLa S3 and C) MOLT4 lysate. Samples were loaded onto a 12% SDS-PAGE gel and probed with a Vps20-associated 1 homolog polyclonal antibody (Product # PA5-21831) at a dilution of 1:1000.

[View more figures on thermofisher.com](https://www.thermofisher.com)

## Immunocytochemistry (2)

Cell cycle (Georgetown, Tex.)

### Cytokinetic abscission is an acute G1 event.

"PA5-21831 was used in immunocytochemistry to determining the timing of abscission"

Authors: Gershony O,Pe'er T,Noach-Hirsh M,Elia N,Tzur A

**Species**  
Human

**Dilution**  
Not Cited

**Year**  
2015

eLife

### Structure of cellular ESCRT-III spirals and their relationship to HIV budding.

"PA5-21831 was used in immunocytochemistry to elucidate how the ESCRT machinery and the AAA+ ATPase Vps4 drive membrane scission"

Authors: Cashikar AG,Shim S,Roth R,Maldazys MR,Heuser JE,Hanson PI

**Species**  
Not Applicable

**Dilution**  
Not Cited

**Year**  
2014

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