

Datasheet for ABIN2856501 anti-VTA1 antibody (Center)



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3 Images

1 Publication

Overview

Quantity:	100 µL
Target:	VTA1
Binding Specificity:	Center
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human VTA1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Rhesus Monkey
Cross-Reactivity (Details):	Rhesus Monkey (100 %)
Characteristics:	Rabbit Polyclonal antibody to VTA1 (Vps20-associated 1 homolog (S. cerevisiae)) VTA1 antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	VTA1
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Target Details

Alternative Name:	VTA1 (VTA1 Products)
Background:	C6ORF55 encodes a protein involved in trafficking of the multivesicular body, an endosomal compartment involved in sorting membrane proteins for degradation in lysosomes (Ward et al., 2005 [PubMed 15644320]).[supplied by OMIM] Cellular Localization: Cytoplasm , Endosome membrane, Peripheral membrane protein
Molecular Weight:	34 kDa
Gene ID:	51534

Application Details

Application Notes:	Suggested dilution Reference ICC/IF 1:100-1:1000* IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000* Western blot 1:500-1:3000* Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceICC/IF1:100-1:1000* IHC (Formalin-fixed paraffin-embedded sections)1:100-1:1000* Western blot1:500-1:3000*
Comment:	Positive Control: 293T , A431 , H1299 , HeLaS3 , HepG2 , Molt-4 , Raji
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.74 mg/mL
Buffer:	0.1M Tris, 0.1M Glycine, 10 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

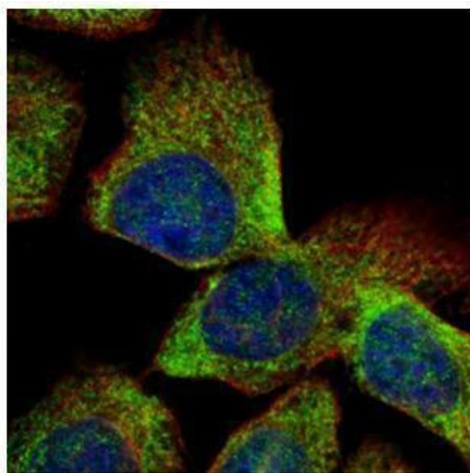
Publications

Product cited in:	Wu, Ming, Zhang, Wu, Wu, Yao: "Edaravone rescues the lung by inhibiting lipid peroxidation and
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pro-inflammatory cytokines in a rat model." in: **Chinese medical journal**, Vol. 127, Issue 5, pp. 968-70, (2014) ([PubMed](#)).

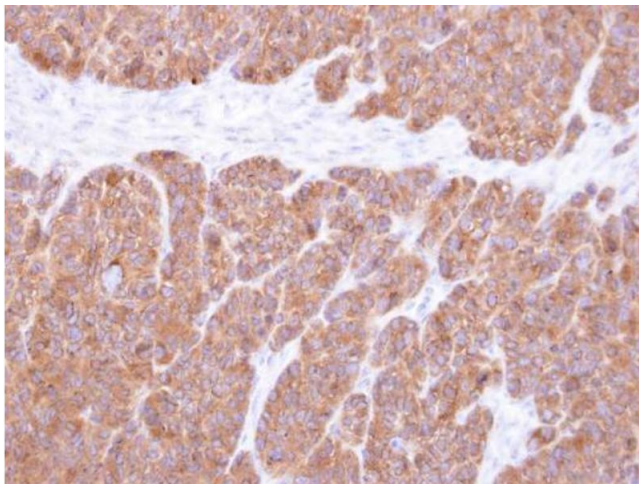
Chen, Wei, Zhuang, Qiao, Tang, Zhang, Wei, Fang, Chen, Du, Huang, Jiang, Hu, Hua: "Proteomic screening of anaerobically regulated promoters from Salmonella and its antitumor applications." in: **Molecular & cellular proteomics : MCP**, Vol. 10, Issue 6, pp. M111.009399, (2011) ([PubMed](#)).

Validation report #101762 for Western Blotting (WB)



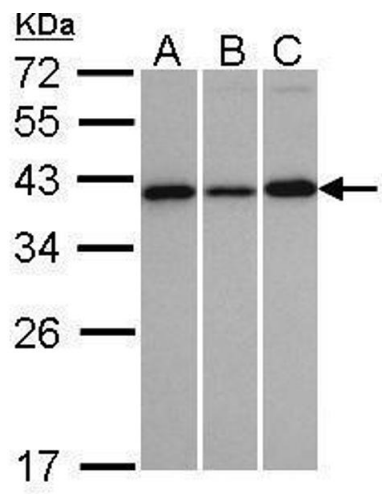
Immunofluorescence

Image 1. ICC/IF Image Confocal immunofluorescence analysis (Olympus FV10i) of methanol-fixed A431, using VTA1, antibody (Green) at 1:500 dilution. Alpha-tubulin filaments were labeled with (Red) at 1:500.



Immunohistochemistry

Image 2. IHC-P Image Immunohistochemical analysis of paraffin-embedded SW480 xenograft, using VTA1, antibody at 1:500 dilution.



Western Blotting

Image 3. WB Image Sample(30 ug whole cell lysate)
A:H1299 B:HeLa S3 C:MOLT4 , 12% SDS PAGE antibody
diluted at 1:1000