

# Product Datasheet

## VAP-A Antibody (4C12) - Azide and BSA Free H00009218-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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### Publications: 1

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**H00009218-M01**

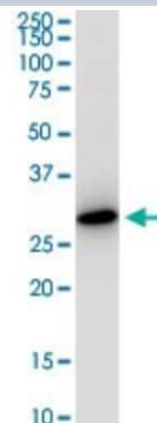
VAP-A Antibody (4C12) - Azide and BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	4C12
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2a Kappa
<b>Purity</b>	IgG purified
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	9218
<b>Gene Symbol</b>	VAPA
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	VAPA - VAMP (vesicle-associated membrane protein)-associated protein A, 33kDa (4C12)
<b>Immunogen</b>	VAPA (AAH02992, 1 a.a. ~ 242 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MAKHEQILVLDPPTDLKFKGPFTDVVTTNLKLRNPSDRKVCFKVKTTAPRR YCVRPNSGIIDPGSTVTVSVMLQPFDYDPNEKSKHKFMVQTIFAPPNTSDMEAV WKEAKPDELMDSKLRCVFEMPENNDKLNDEMPKAVPLNASKQDGPMPKPH SVSLNDTETRKLMEECKRLQGEMMKLSEENRHLRDEGLRLRKVAHSDKPGST STASFRDNVTSPLPSLLVIAAIFIGFFLGKFIL
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence
<b>Application Notes</b>	Antibody reactive against transfected lysate and recombinant protein for western blot. It has also been used for ELISA.

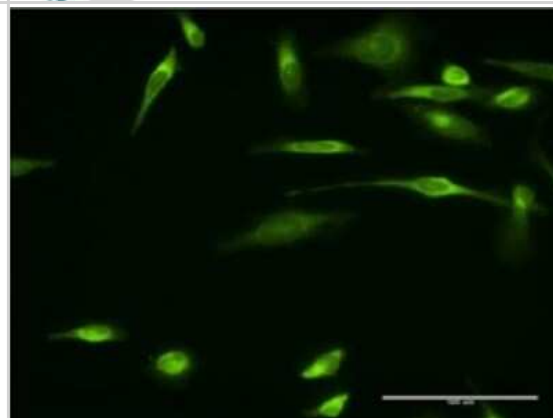


## Images

Western Blot: VAP-A Antibody (4C12) [H00009218-M01] - VAPA monoclonal antibody (M01), clone 4C12. Analysis of VAPA expression in human placenta.



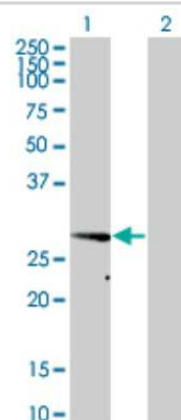
Immunocytochemistry/Immunofluorescence: VAP-A Antibody (4C12) [H00009218-M01] - Analysis of monoclonal antibody to VAPA on HeLa cell . Antibody concentration 10 ug/ml.



Western Blot: VAP-A Antibody (4C12) [H00009218-M01] - VAPA monoclonal antibody (M01), clone 4C12. Analysis of VAPA expression in K-562.



Western Blot: VAP-A Antibody (4C12) [H00009218-M01] - Analysis of VAPA expression in transfected 293T cell line by VAPA monoclonal antibody (M01), clone 4C12. Lane 1: VAPA transfected lysate(27.3 KDa).Lane 2: Non-transfected lysate.



## Publications

Barman B, Sung BH, Krystofiak E et al. VAP-A and its binding partner CERT drive biogenesis of RNA-containing extracellular vesicles at ER membrane contact sites *Developmental cell* 2022-04-25 [PMID: 35421371]



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### **Products Related to H00009218-M01**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NBP1-37090	Recombinant Human VAP-A His Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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