

# Product Datasheet

## VAP-A Antibody - BSA Free

### NBP1-31237

Unit Size: 100 ul

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

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**NBP1-31237**

VAP-A Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	100 ul
<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>	Polyclonal
<b>Preservative</b>	0.01% Thimerosal
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	0.1M Tris-Glycine (pH7), 10% Glycerol
<b>Target Molecular Weight</b>	28 kDa

**Product Description**

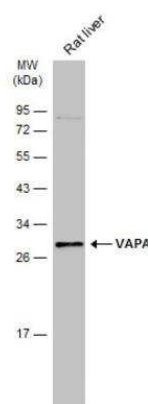
<b>Host</b>	Rabbit
<b>Gene ID</b>	9218
<b>Gene Symbol</b>	VAPA
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Carrier-protein conjugated synthetic peptide encompassing a sequence within the center region of human VAP-A. The exact sequence is proprietary.

**Product Application Details**

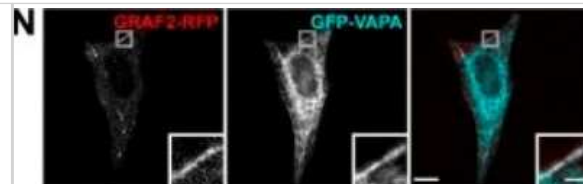
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1:100-1:1000

**Images**

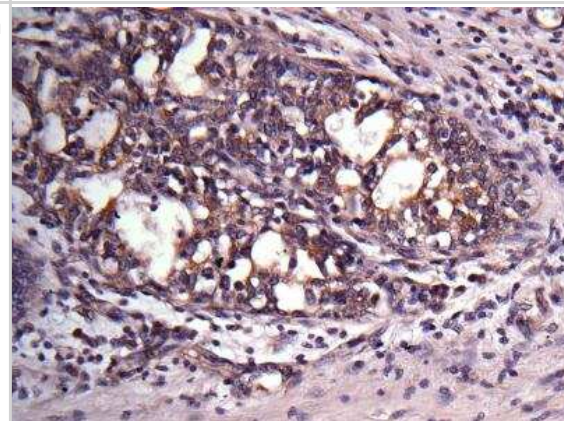
Western Blot: VAP-A Antibody [NBP1-31237] - Rat tissue extract (50 ug) was separated by 12% SDS-PAGE, and the membrane was blotted with VAPA antibody [N1N3] diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



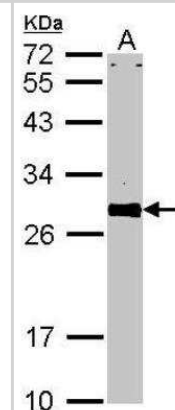
Immunocytochemistry/Immunofluorescence: VAP-A Antibody [NBP1-31237] - WDR44 tubules are in close contact with the ER via binding to VAPA/B. Confocal images of transfected HeLa cells showing colocalization of GRAF2-RFP tubules with GFP-VAPA. Image collected and cropped by CiteAb from the following publication (<https://rupress.org/jcb/article/doi/10.1083/jcb.201811014/151714/GRAF2-WDR44-and-MICAL1-mediate-Rab81011dependent>) licensed under a CC-BY license.



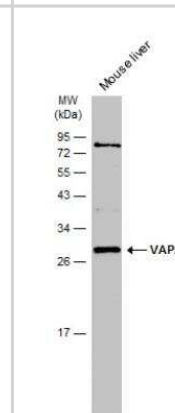
Immunohistochemistry-Paraffin: VAP-A Antibody [NBP1-31237] - Human breast cancer, using VAPA antibody at 1:500 dilution.



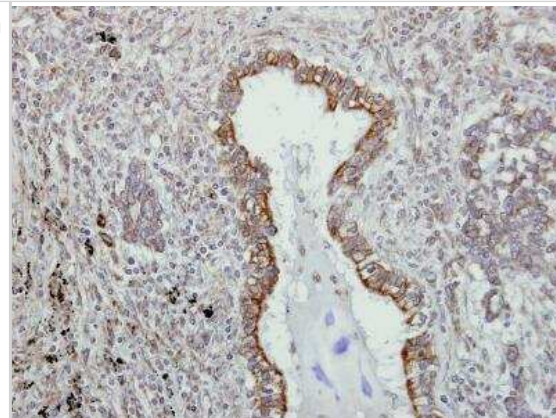
Western Blot: VAP-A Antibody [NBP1-31237] - Analysis of antibody on A:NIH-3T3 12% SDS PAGE diluted at 1:1000



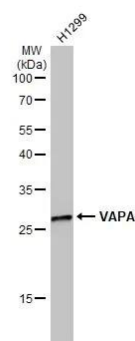
Western Blot: VAP-A Antibody [NBP1-31237] - Mouse tissue extract (50 ug) was separated by 12% SDS-PAGE, and the membrane was blotted with VAPA antibody [N1N3] diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



Immunohistochemistry-Paraffin: VAP-A Antibody [NBP1-31237] - Human lung adenocarcinoma, using VAPA antibody at 1:500 dilution.



Western Blot: VAP-A Antibody [NBP1-31237] - Whole cell extract (30 ug) was separated by 12% SDS-PAGE, and the membrane was blotted with VAP-A antibody [N1N3] (NBP1-31237) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



## Publications

Boutry M, Kim PK ORP1L mediated PI(4)P signaling at ER-lysosome-mitochondrion three-way contact contributes to mitochondrial division Nature communications 2021-09-09 [PMID: 34504082] (WB, Human)

Lucken-Ardjomande HASler S, Vallis Y, Pasche M, McMahon HT GRAF2, WDR44, and MICAL1 mediate Rab8/10/11-dependent export of E-cadherin, MMP14, and CFTR delta, F508 J. Cell Biol. 2020-05-04 [PMID: 32344433] (WB, Human)

Sclip A, Bacaj T, Giam LR, Sudhof TC Extended Synaptotagmin (ESyt) Triple Knock-Out Mice Are Viable and Fertile without Obvious Endoplasmic Reticulum Dysfunction. PLoS One 2016-06-27 [PMID: 27348751] (WB)

Zhang H, Lamon BD, Moran G et al. Pitavastatin Differentially Modulates MicroRNA-Associated Cholesterol Transport Proteins in Macrophages PLoS ONE 2016-07-15 [PMID: 27415822] (WB, Mouse)

Eyre NS, Fiches GN, Aloia AL et al. Dynamic Imaging of the Hepatitis C Virus NS5A Protein during a Productive Infection. J. Virol. 2014-04-01 [PMID: 24429364] (WB, Human)



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### **Products Related to NBP1-31237**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
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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