

# Product Datasheet

## VAMP-7 Antibody (158.2)

### NBP1-07118

Unit Size: 1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP1-07118**

## VAMP-7 Antibody (158.2)

Product Information	
<b>Unit Size</b>	1 ml
<b>Concentration</b>	This product is unpurified. The exact concentration of antibody is not quantifiable.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	158.2
<b>Preservative</b>	No Preservative
<b>Reconstitution Instructions</b>	Lyophilized powder, reconstituted in distilled water.
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	Unpurified
<b>Buffer</b>	Cell culture supernatant

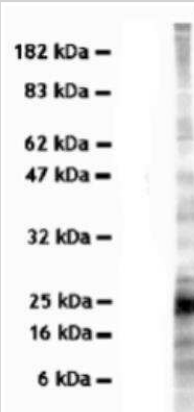
Product Description	
<b>Host</b>	Mouse
<b>Gene Symbol</b>	VAMP7
<b>Species</b>	Human, Mouse, Rat, Canine
<b>Reactivity Notes</b>	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
<b>Specificity/Sensitivity</b>	Reacts specifically with the 25 kDa protein of human TI-VAMP protein (human, mouse, rat, canine)
<b>Immunogen</b>	TI-VAMP recombinant protein

Product Application Details	
<b>Applications</b>	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:500-1:2000, Flow Cytometry, ELISA 1:100-1:2000, Immunohistochemistry 1:5-1:200, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1:10 - 1:400

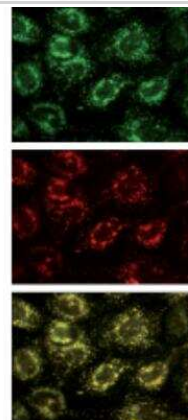


## Images

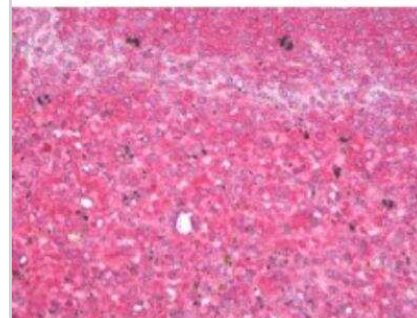
Western Blot: VAMP-7 Antibody (158.2) [NBP1-07118] - Analysis of rat brain extract.



Immunocytochemistry/Immunofluorescence: VAMP-7 Antibody (158.2) [NBP1-07118] - Staining of MDCK cells (red). GFP-Tagged human Ti-VAMP (green) and merge (yellow).



Immunohistochemistry-Paraffin: VAMP-7 Antibody (158.2) [NBP1-07118] - Staining of human spleen.



## Publications

Guan Y, Liang X, Ma Z Et al. A single genetic locus controls both expression of DPEP1/CHMP1A and kidney disease development via ferroptosis Nature communications 2021-08-23 [PMID: 34426578] (ICC/IF, Human)

Saez JJ, Dogniaux S, Shafaq-Zadah M et al. Retrograde and Anterograde Transport of Lat-Vesicles during the Immunological Synapse Formation: Defining the Finely-Tuned Mechanism Cells 2021-02-09 [PMID: 33572370] (ICC/IF, Human)

Spessott Waldo A, Sanmillan Maria L, Kulkarni Vineet V et al. Syntaxin 4 mediates endosome recycling for lytic granule exocytosis in cytotoxic T-lymphocytes. Traffic (Copenhagen, Denmark) 2017-01-01 [PMID: 28471021] (WB, Human)



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### **Products Related to NBP1-07118**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-59576-10ug	Recombinant Mouse VAMP-7 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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