

# Product Datasheet

## VAMP-7 Antibody - BSA Free NBP1-80709

Unit Size: 0.1 ml

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

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### Publications: 3

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Updated 12/2/2025 v.20.1

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**NBP1-80709**

VAMP-7 Antibody - BSA Free

Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

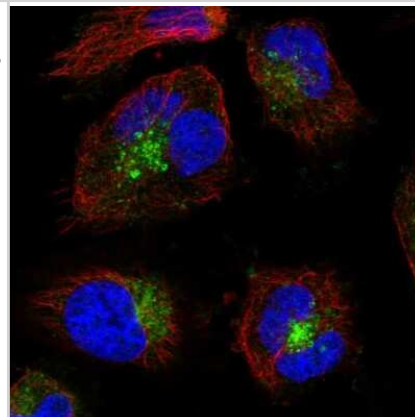
Product Description	
<b>Description</b>	Novus Biologicals Rabbit VAMP-7 Antibody - BSA Free (NBP1-80709) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-VAMP-7 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	6845
<b>Gene Symbol</b>	VAMP7
<b>Species</b>	Human
<b>Reactivity Notes</b>	Human reactivity reported in scientific literature (PMID: 24880616).
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: YAMNSEFSSVLAAQLKHHSENKGLDKVMETQAQVDELKGMVVRNIDLVAQRGE RLELLIDKTENLVDSSVTFKTTSRNLARAMCMKNL

Product Application Details	
<b>Applications</b>	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
<b>Application Notes</b>	IHC reported in scientific literature (PMID: 24880616). For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: PFA/Triton X-100.

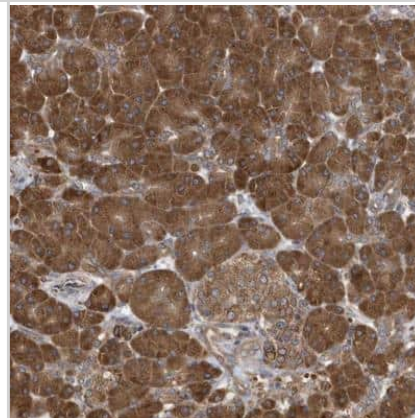


## Images

Immunocytochemistry/Immunofluorescence: VAMP-7 Antibody [NBP1-80709] - Immunofluorescent staining of human cell line U-251 MG shows localization to vesicles. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: VAMP-7 Antibody [NBP1-80709] - Staining of human pancreas shows strong cytoplasmic positivity in exocrine glandular cells.



## Publications

Hu X, Zhang R, Liang H et al. Comparison and Investigation of Exosomes from Human Amniotic Fluid Stem Cells and Human Breast Milk in Alleviating Neonatal Necrotizing Enterocolitis Stem cell reviews and reports 2022-11-16 [PMID: 36385400] (IHC-P, Mouse)

Details:

Dilution used in IHC-P 1:2000

Hallam RD, Buchner-Duby B, Stykel MG et al. Intracellular Accumulation of  $\alpha$ -Synuclein Aggregates Promotes S-Nitrosylation of MAP1A Leading to Decreased NMDAR-Evoked Calcium Influx and Loss of Mature Synaptic Spines The Journal of neuroscience : the official journal of the Society for Neuroscience 2022-11-11 [PMID: 36414406]

Tannour-Louet M, Han S, Louet JF et al. Increased gene copy number of the vesicle SNARE VAMP7 disrupts human male urogenital development through altered estrogen action. Nat Med 2014-07-01 [PMID: 24880616] (IF/IHC, Human)



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### **Products Related to NBP1-80709**

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NBP1-80709PEP	VAMP-7 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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