

Product Datasheet

VPS39 Antibody - BSA Free NBP1-76535

Unit Size: 0.1 mg

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

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Updated 3/4/2026 v.20.1

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NBP1-76535

VPS39 Antibody - BSA Free

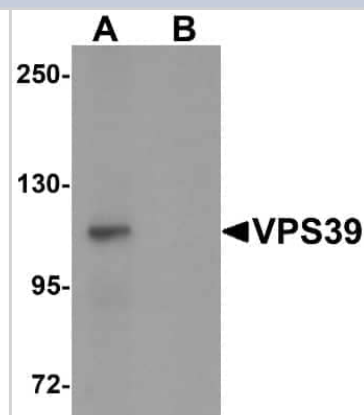
| Product Information | |
|---------------------|----------------------------------------------------------------------------------------|
| Unit Size | 0.1 mg |
| Concentration | 1 mg/ml |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | 0.02% Sodium Azide |
| Isotype | IgG |
| Purity | Peptide affinity purified |
| Buffer | PBS |

| Product Description | |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host | Rabbit |
| Gene ID | 23339 |
| Gene Symbol | VPS39 |
| Species | Human, Mouse, Rat |
| Specificity/Sensitivity | At least four isoforms of VPS39 are known to exist; this antibody will detect all four. VPS39 antibody is predicted not to cross-react with TRAP1. |
| Immunogen | Antibody was raised against a 18 amino acid synthetic peptide near the carboxy terminus of human VPS39. The immunogen is located within amino acids 710 - 760 of VPS39. Amino Acid Squence: HKHYDRNKDGNKDVYLS |

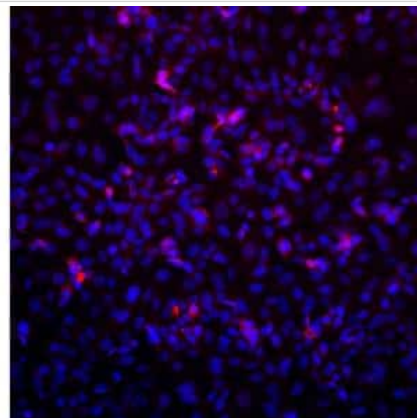
| Product Application Details | |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applications | Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry |
| Recommended Dilutions | Western Blot 0.5 ug/ml, ELISA 1:100-1:2000, Immunohistochemistry 5 ug/ml, Immunocytochemistry/ Immunofluorescence 5 ug/ml, Immunohistochemistry-Paraffin 5 ug/ml |

Images

Western Blot: VPS39 Antibody [NBP1-76535] - Rat liver tissue lysate with VPS39 antibody at 0.5 ug/mL in (A) the absence and (B) the presence of blocking peptide.

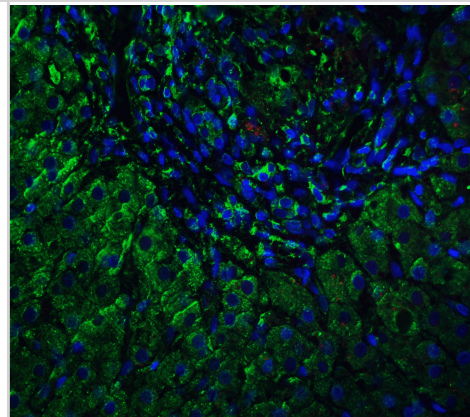


Immunocytochemistry/Immunofluorescence: VPS39 Antibody [NBP1-76535] - Saos2 Cells, anti-VPS39 primary, Hoescht33342, anti-Rabbit alexa594 secondary. Image from verified customer review.

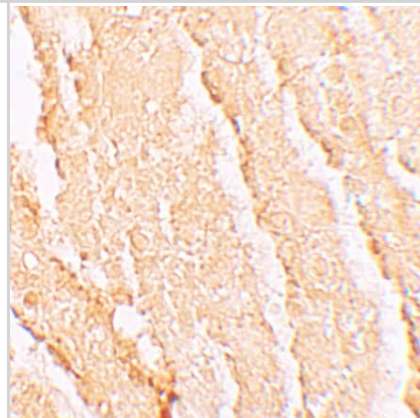


Immunocytochemistry/ Immunofluorescence: VPS39 Antibody - BSA Free [NBP1-76535] - Immunofluorescence of VPS39 in human liver tissue with VPS39 antibody at 5 ug/ml.

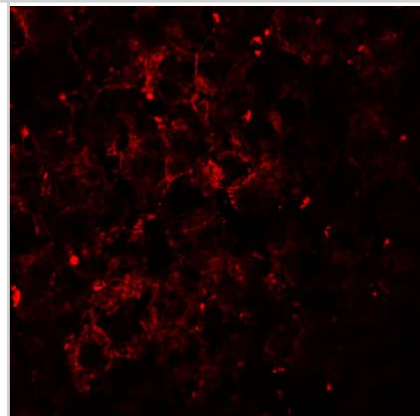
Green: VPS39 antibody
Red: Phylloidin staining
Blue: DAPI staining



Immunohistochemistry: VPS39 Antibody - BSA Free [NBP1-76535] - Immunohistochemistry of VPS39 in mouse liver tissue with VPS39 antibody at 5 u/mL.



Immunocytochemistry/ Immunofluorescence: VPS39 Antibody - BSA Free [NBP1-76535] - Immunofluorescence of VPS39 in mouse liver tissue with VPS39 antibody at 20 ug/mL.



Publications

Shelke GV, Williamson CD, Jarnik M, Bonifacino JS Inhibition of endolysosome fusion increases exosome secretion
The Journal of cell biology 2023-06-05 [PMID: 37213076]

Jackson J, Wischhof L, Scifo E et al. SGPL1 stimulates VPS39 recruitment to the mitochondria in MICU1 deficient cells
Molecular metabolism 2022-04-19 [PMID: 35452878]



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Products Related to NBP1-76535

| | |
|---------------|-----------------------------------------------------|
| NBP1-76535PEP | VPS39 Antibody Blocking Peptide |
| HAF008 | Goat anti-Rabbit IgG Secondary Antibody [HRP] |
| NB7160 | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control |

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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