

# Product Datasheet

## Villin 1 Antibody (C4) NBP3-33090

Unit Size: 100 ul

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

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**NBP3-33090**

Villin 1 Antibody (C4)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	C4
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.05% BSA and 40% Glycerol
Target Molecular Weight	93 kDa
Product Description	
Host	Rabbit
Gene ID	7429
Gene Symbol	VIL1
Species	Human
Immunogen	Recombinant protein within human Villin 1 aa 600-827. (Uniprot: P09327)
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:3500



## Images

Western Blot: Villin 1 Antibody (C4) [NBP3-33090] - Western blot analysis of Villin 1 on HT-29 cell lysates with Rabbit anti-Villin 1 antibody (NBP3-33090) at 1/2,000 dilution.

Lysates/proteins at 10 ug/Lane.

Predicted band size: 93 kDa

Observed band size: 85 kDa

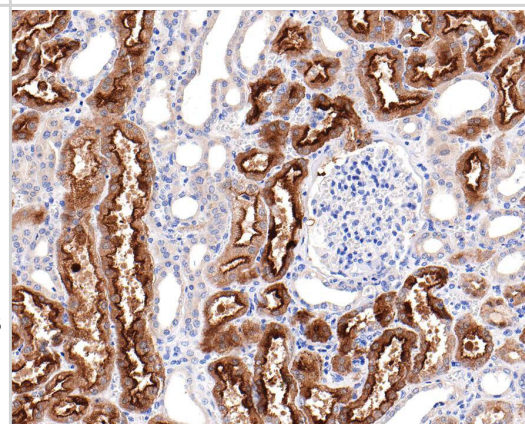
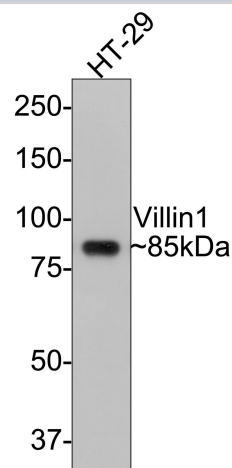
Exposure time: 15 seconds;

8% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-33090) at 1/2,000 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:300,000 dilution was used for 1 hour at room temperature.

Immunohistochemistry: Villin 1 Antibody (C4) [NBP3-33090] - Immunohistochemical analysis of paraffin-embedded human kidney tissue with Rabbit anti-Villin 1 antibody (NBP3-33090) at 1/3,500 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (NBP3-33090) at 1/3,500 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.





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### **Products Related to NBP3-33090**

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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
H00007429-P01-10ug	Recombinant Human Villin 1 GST (N-Term) 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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