

# Product Datasheet

## VDP p115 Antibody (JE64-48)

### NBP3-33087

Unit Size: 100 ul

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

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**NBP3-33087**

VDP p115 Antibody (JE64-48)

| 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                       | JE64-48                                                                                                                      |
| Preservative                | 0.05% Sodium Azide                                                                                                           |
| Isotype                     | IgG                                                                                                                          |
| Purity                      | Protein A purified                                                                                                           |
| Buffer                      | 1*TBS (pH7.4), 0.05% BSA and 40% Glycerol                                                                                    |
| Target Molecular Weight     | 108 kDa                                                                                                                      |
| Product Description         |                                                                                                                              |
| Host                        | Rabbit                                                                                                                       |
| Gene ID                     | 8615                                                                                                                         |
| Gene Symbol                 | USO1                                                                                                                         |
| Species                     | Human, Mouse, Rat                                                                                                            |
| Immunogen                   | Synthetic peptide within human VDP p115 aa 1-50/962. (Uniprot: O60763)                                                       |
| Product Application Details |                                                                                                                              |
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry                    |
| Recommended Dilutions       | Western Blot 1:1000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:400, Immunohistochemistry-Paraffin 1:100 |



## Images

Western Blot: VDP p115 Antibody (JE64-48) [NBP3-33087] - Western blot analysis of VDP p115 on different lysates with Rabbit anti-VDP p115 antibody (NBP3-33087) at 1/1,000 dilution.

Lane 1: Hela cell lysate  
Lane 2: 293T cell lysate  
Lane 3: HepG2 cell lysate  
Lane 4: A431 cell lysate

Lysates/proteins at 10 ug/Lane.

Predicted band size: 108 kDa  
Observed band size: 108 kDa

Exposure time: 1 minute;

6% 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 (NBP3-33087) at 1/1,000 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.

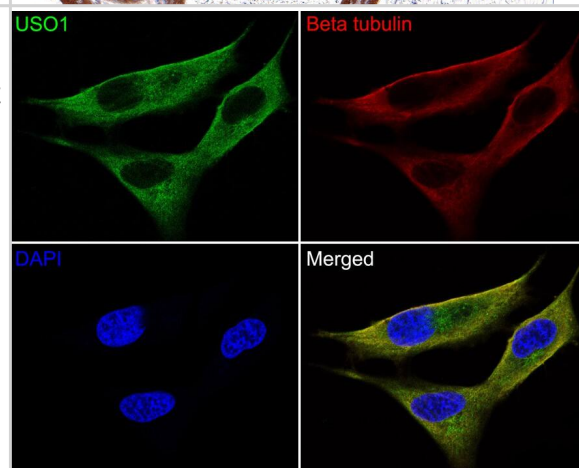
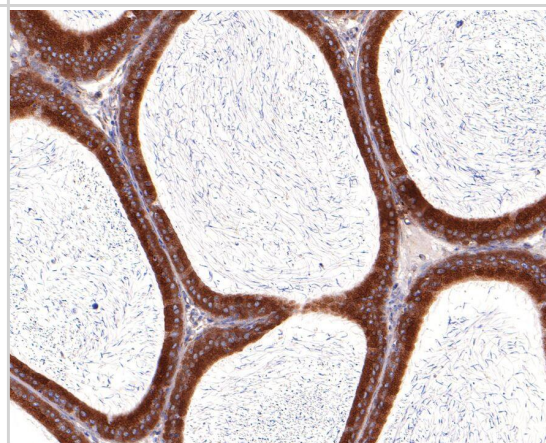
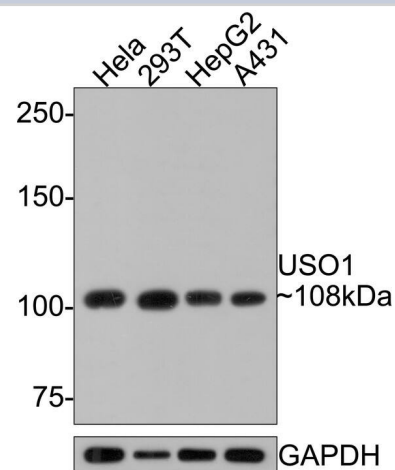
Immunohistochemistry: VDP p115 Antibody (JE64-48) [NBP3-33087] - Immunohistochemical analysis of paraffin-embedded rat epididymis tissue with Rabbit anti-VDP p115 antibody (NBP3-33087) at 1/100 dilution.

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 (NBP3-33087) at 1/100 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.

Immunocytochemistry/ Immunofluorescence: VDP p115 Antibody (JE64-48) [NBP3-33087] - Immunocytochemistry analysis of SH-SY5Y cells labeling VDP p115 with Rabbit anti-VDP p115 antibody (NBP3-33087) at 1/50 dilution.

Cells were fixed in 4% paraformaldehyde for 10 minutes at 37 °C, permeabilized with 0.05% Triton X-100 in PBS for 20 minutes, and then blocked with 2% negative goat serum for 30 minutes at room temperature. Cells were then incubated with Rabbit anti-VDP p115 antibody (NBP3-33087) at 1/50 dilution in 2% negative goat serum overnight at 4 °C. Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. Nuclear DNA was labelled in blue with DAPI.

Beta tubulin (red) was stained at 1/200 dilution overnight at +4 °C. Goat Anti-Mouse IgG H&L (iFluor™ 647) were used as the secondary antibody at 1/1,000 dilution.





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### **Products Related to NBP3-33087**

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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                          |
| H00008615-P01-10ug | Recombinant Human VDP p115 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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