

# Product Datasheet

## Caveolin-1 Antibody (10Y5L2)

### NBP3-15615-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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**NBP3-15615-100ul**

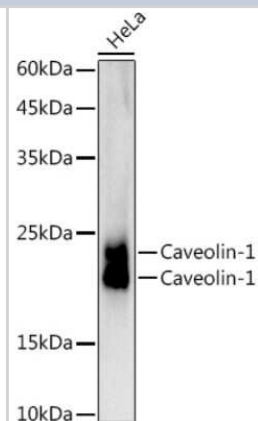
Caveolin-1 Antibody (10Y5L2)

| Product Information         |                                                                                                                                                                                                                                                     |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 100 ul                                                                                                                                                                                                                                              |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                                                                         |
| Storage                     | Store at -20C. Avoid freeze-thaw cycles.                                                                                                                                                                                                            |
| Clonality                   | Monoclonal                                                                                                                                                                                                                                          |
| Clone                       | 10Y5L2                                                                                                                                                                                                                                              |
| Preservative                | 0.05% Proclin 300                                                                                                                                                                                                                                   |
| Isotype                     | IgG                                                                                                                                                                                                                                                 |
| Purity                      | Affinity purified                                                                                                                                                                                                                                   |
| Buffer                      | PBS (pH 7.3), 50% glycerol, 0.05% BSA                                                                                                                                                                                                               |
| Target Molecular Weight     | 21 kDa                                                                                                                                                                                                                                              |
| Product Description         |                                                                                                                                                                                                                                                     |
| Host                        | Rabbit                                                                                                                                                                                                                                              |
| Gene ID                     | 857                                                                                                                                                                                                                                                 |
| Gene Symbol                 | CAV1                                                                                                                                                                                                                                                |
| Species                     | Human, Mouse, Rat                                                                                                                                                                                                                                   |
| Immunogen                   | Recombinant fusion protein containing a sequence corresponding to amino acids 1-80 of human Caveolin-1 (NP_001744.2).<br>MSGGKYVDSEGHLYTVPIREQGNIYKPNNKAMADELSEKQVYDAHTKEIDLVN<br>RDPKHLNDDVVKIDFEDVIAEPEGTHS                                       |
| Product Application Details |                                                                                                                                                                                                                                                     |
| Applications                | Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunohistochemistry                                                                                                                                                                            |
| Recommended Dilutions       | Western Blot 1:5000 - 1:10000, ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements., Immunohistochemistry 1:200 - 1:2000, Immunohistochemistry-Paraffin 1:200 - 1:2000 |

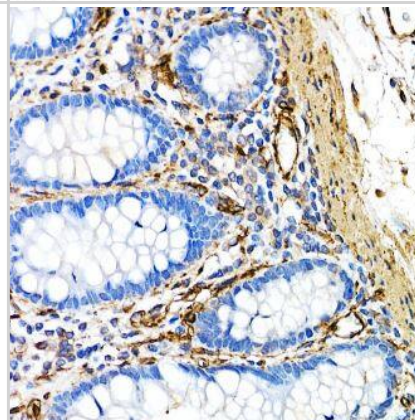


## Images

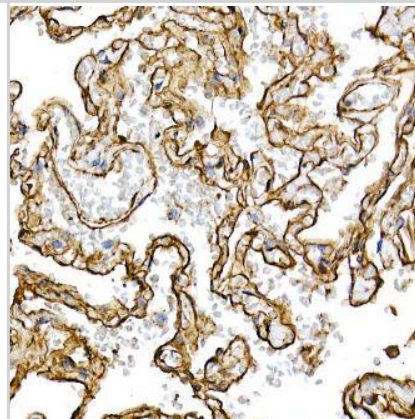
**Western Blot: Caveolin-1 Antibody (9I9J8) [NBP3-15615]** - Western blot analysis of extracts of HeLa cells, using Caveolin-1 antibody (NBP3-15615) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



**Immunohistochemistry-Paraffin: Caveolin-1 Antibody (9I9J8) [NBP3-15615]** - Human colon using Caveolin-1 Rabbit mAb at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



**Immunohistochemistry-Paraffin: Caveolin-1 Antibody (9I9J8) [NBP3-15615]** - Human lung using Caveolin-1 Rabbit mAb at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



**Western Blot: Caveolin-1 Antibody (10Y5L2) [Caveolin-1]** - Western blot analysis of various lysates, using Caveolin-1 Rabbit mAb at 1:10000 dilution.

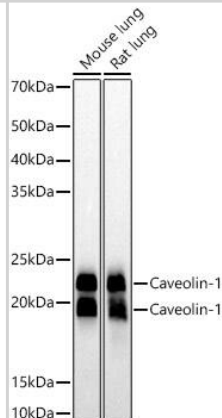
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit .

Exposure time: 10s.



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**Products Related to NBP3-15615-100ul**

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| HAF008             | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160             | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891         | Rabbit IgG Isotype Control                          |
| H00000857-P01-10ug | Recombinant Human Caveolin-1 GST (N-Term) Protein   |

**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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