

# Product Datasheet

## Caveolin-2 Antibody (8I4U7)

### NBP3-16502-100ul

Unit Size: 100 ul

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

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**NBP3-16502-100ul**

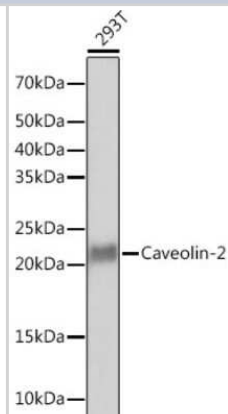
Caveolin-2 Antibody (8I4U7)

| Product Information          |  |
|------------------------------|--|
| <b>Unit Size</b>             | 100 ul   |
| <b>Concentration</b>         | Please see the vial label for concentration. If unlisted please contact technical services.  |
| <b>Storage</b>               | Store at -20C. Avoid freeze-thaw cycles.   |
| <b>Clonality</b>             | Monoclonal   |
| <b>Clone</b>                 | 8I4U7  |
| <b>Preservative</b>          | 0.02% Sodium Azide   |
| <b>Isotype</b>               | IgG  |
| <b>Purity</b>                | Affinity purified  |
| <b>Buffer</b>                | PBS (pH 7.3), 50% glycerol, 0.05% BSA  |
| Product Description          |  |
| <b>Description</b>           | Novus Biologicals Rabbit Caveolin-2 Antibody (8I4U7) (NBP3-16502) is a recombinant monoclonal antibody validated for use in IHC, WB and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.  |
| <b>Host</b>                  | Rabbit   |
| <b>Gene ID</b>               | 858  |
| <b>Gene Symbol</b>           | CAV2   |
| <b>Species</b>               | Human, Mouse   |
| <b>Immunogen</b>             | A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Caveolin-2 (P51636).<br>MGLTEKADVQLFMDDDSYSHHSGLEYADPEKFADSDQDRDPHRLNSHLKLG<br>FEDVIAEPVTTHSFDKVVICSHALFEISKYVMYKFLTVFLAIPAFIA |
| Product Application Details  |  |
| <b>Applications</b>          | Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunoprecipitation   |
| <b>Recommended Dilutions</b> | Western Blot 1:500 - 1:2000, Immunohistochemistry 1:50 - 1:200, Immunoprecipitation 1:500 - 1:1000, Immunohistochemistry-Paraffin  |

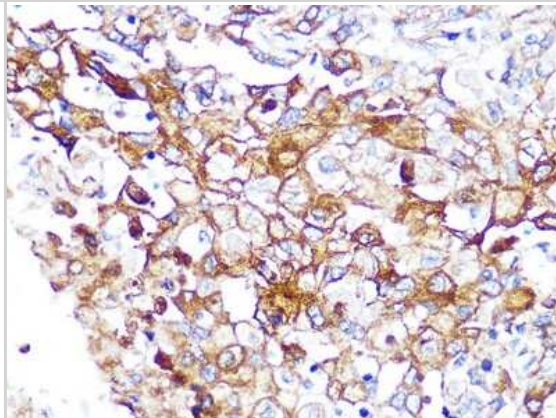


## Images

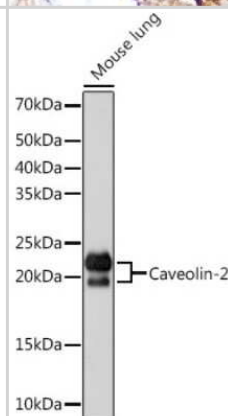
**Western Blot: Caveolin-2 Antibody (8I4U7) [NBP3-16502]** - Western blot analysis of extracts of 293T cells, using Caveolin-2Rabbit mAb (NBP3-16502) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



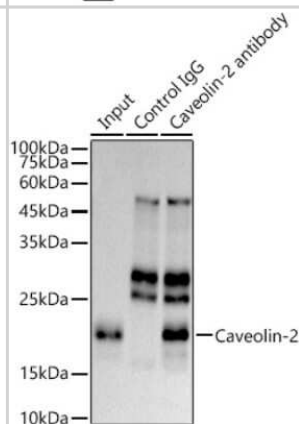
**Immunohistochemistry-Paraffin: Caveolin-2 Antibody (8I4U7) [NBP3-16502]** - Immunohistochemistry of paraffin-embedded human esophageal cancer using Caveolin-2Rabbit mAb (NBP3-16502) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



**Western Blot: Caveolin-2 Antibody (8I4U7) [NBP3-16502]** - Western blot analysis of extracts of Mouse lung, using Caveolin-2Rabbit mAb (NBP3-16502) 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: 1s.



**Immunoprecipitation: Caveolin-2 Antibody (8I4U7) [NBP3-16502]** - Immunoprecipitation analysis of 300ug extracts of HeLa cells using 3ug Caveolin-2antibody (NBP3-16502). Western blot was performed from the immunoprecipitate using Caveolin-2antibody (NBP3-16502) at a dilution of 1:1000.





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### **Products Related to NBP3-16502-100ul**

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|             |   |
|-------------|---|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP]                 |
| 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.

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