

# Product Datasheet

## AFG3L2 Antibody - BSA Free

### NBP3-35543-100ul

Unit Size: 100 ul

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

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**NBP3-35543-100ul**

AFG3L2 Antibody - BSA Free

| 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                   | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Preservative                | 0.05% Proclin 300                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Isotype                     | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Purity                      | Affinity purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Buffer                      | PBS (pH 7.3), 50% glycerol                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Target Molecular Weight     | 89 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Description                 | Novus Biologicals Rabbit AFG3L2 Antibody - BSA Free (NBP3-35543) is a polyclonal antibody validated for use in IHC, WB, ELISA and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.                                                                                                                                                                                                                                                                                          |
| Host                        | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Gene ID                     | 10939                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Gene Symbol                 | AFG3L2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Species                     | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Immunogen                   | <p>Recombinant fusion protein containing a sequence corresponding to amino acids 538-797 of human AFG3L2 (NP_006787.2).</p> <p>Sequence:<br/>           DSINQKHFEQAIERVIGGLEKKTQVLQPEEKKT VAYHEAGHAVAGWYLEHADP<br/>           LLKVSIIIPRGKGLGYAQYLPKEQYLYTKEQLLDRMCMTLGGRVSEEIFFGRIITG<br/>           AQDDLKVTQSAYAQIVQFGMNEKVGQISFDLPRQGDMVLEKPYSEATARLID<br/>           DEVRILINDAYKRTVALLTEKKADVEKVALLLLEKEVLDKNDMVELLGPRPFAEK<br/>           STYEETFVEGTGSLDEDTSLPEGLKDWNKEREKEKEEPPGEKVAN</p> |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Applications                | Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunohistochemistry, Immunoprecipitation                                                                                                                                                                                                                                                                                                                                                                                                      |
| Recommended Dilutions       | Western Blot 1:500 - 1:1000, ELISA, Immunohistochemistry, Immunoprecipitation 0.5ug - 4ug antibody for 200ug - 400ug extracts of whole cells, Immunohistochemistry-Paraffin 1:50 - 1:200                                                                                                                                                                                                                                                                                                           |



## Images

**Western Blot: AFG3L2 Antibody [NBP3-35543]** - Western blot analysis of various lysates, using AFG3L2 Rabbit pAb at 1:500 dilution.

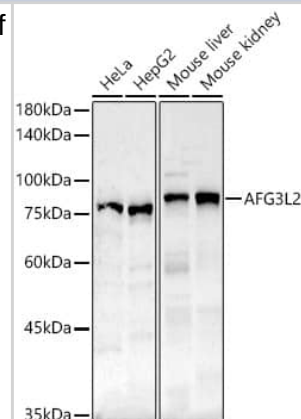
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

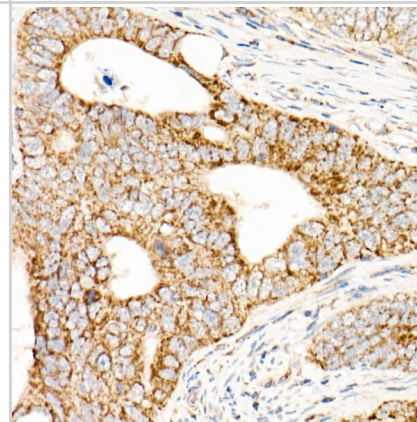
Detection: ECL Basic Kit.

Exposure time: 30s.



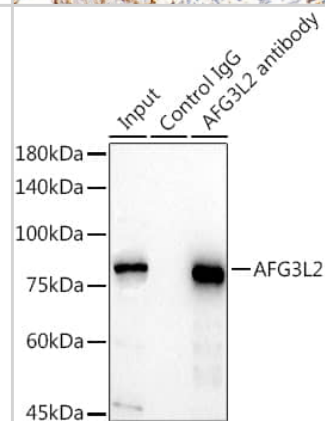
**Immunohistochemistry: AFG3L2 Antibody [NBP3-35543]** -

Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using AFG3L2 Rabbit pAb at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



**Immunoprecipitation: AFG3L2 Antibody [NBP3-35543]** -

Immunoprecipitation analysis of 300 ug extracts of HeLa cells using 3 ug AFG3L2 antibody. Western blot was performed from the immunoprecipitate using AFG3L2 antibody at a dilution of 1:1000.





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### **Products Related to NBP3-35543-100ul**

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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                          |
| NBP1-87086PEP | AFG3L2 Recombinant Protein Antigen                  |

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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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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