

# Product Datasheet

## Smad1 Antibody (7H7L5)

### NBP3-15670-100ul

Unit Size: 100 ul

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

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**NBP3-15670-100ul**

Smad1 Antibody (7H7L5)

| 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>         | 7H7L5   |
| <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   |

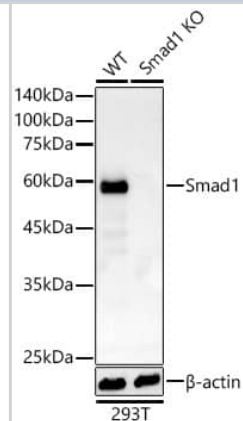
| Product Description |  |
|---------------------|--|
| <b>Description</b>  | Novus Biologicals Knockout (KO) Validated Rabbit Smad1 Antibody (7H7L5) (NBP3-15670) is a recombinant monoclonal antibody validated for use in IHC, WB and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.   |
| <b>Host</b>         | Rabbit   |
| <b>Gene ID</b>      | 4086   |
| <b>Gene Symbol</b>  | SMAD1  |
| <b>Species</b>      | Human, Mouse   |
| <b>Immunogen</b>    | Recombinant fusion protein containing a sequence corresponding to amino acids 20-240 of human Smad1 (NP_005891.1).<br>WKQGDEEEKWAEKAVDALVKKLKKKKGAMEELEKALSCPGQPSNCVTIPRSL<br>DGRLQVSHRKGLPHVIYCRVWRWPDLQSHHELKPLECCEFFPGSKQKEVCIN<br>PYHYKRVEPVLPVLPVPRHSEYNPQHSLLAQFRNLGQNEPHMPLNATFPDSF<br>QQPNSHPFPHSPNSSYPNSPGSSSSTYPHSPTSSDPGSPFQMPADTPPPAYL<br>PPEDPMTQDGSQ |

| Product Application Details  |   |
|------------------------------|---|
| <b>Applications</b>          | Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunoprecipitation, Knockout Validated  |
| <b>Recommended Dilutions</b> | Western Blot 1:500 - 1:1000, Immunohistochemistry 1:50 - 1:200, Immunoprecipitation 1:500 - 1:1000, Immunohistochemistry-Paraffin, Knockout Validated |

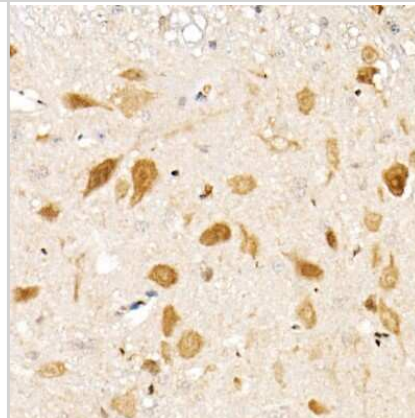


## Images

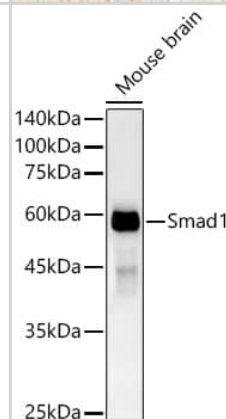
**Western Blot: Smad1 Antibody (7H7L5) [Smad1]** - Western blot analysis of lysates from wild type(WT) and Smad1 Rabbit mAb knockout (KO) HeLa(KO) cells, using Smad1 Rabbit mAb at 1:1000 dilution.  
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.  
 Lysates/proteins: 25ug per lane.  
 Blocking buffer: 3% nonfat dry milk in TBST.  
 Detection: ECL Basic Kit .  
 Exposure time: 180s.



**Immunohistochemistry-Paraffin: Smad1 Antibody (4W2M9) [NBP3-15670]** - Immunohistochemistry of paraffin-embedded mouse spinal cord using Smad1 antibody (NBP3-15670) 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: Smad1 Antibody (7H7L5) [Smad1]** - Western blot analysis of lysates from Mouse brain, using Smad1 Rabbit mAb at 1:1000 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: 180s.





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### **Products Related to NBP3-15670-100ul**

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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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