

# Product Datasheet

## Smad7 Antibody NBP3-13375

Unit Size: 100 ul

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

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**NBP3-13375**

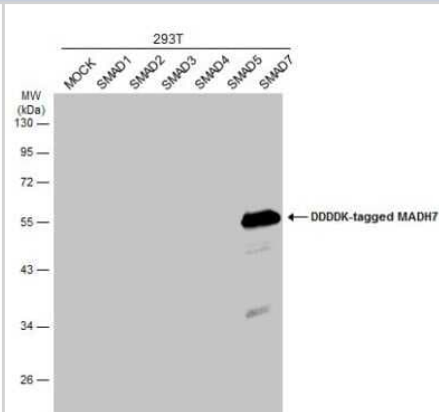
Smad7 Antibody

| Product Information         |  |
|-----------------------------|--|
| Unit Size                   | 100 ul   |
| Concentration               | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.                                     |
| Storage                     | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.   |
| Clonality                   | Polyclonal   |
| Preservative                | 0.025% Proclin 300   |
| Isotype                     | IgG  |
| Purity                      | Antigen Affinity-purified  |
| Buffer                      | PBS, 1% BSA, 20% Glycerol (pH7).   |
| Product Description         |  |
| Description                 | Centrifuge briefly prior to opening.   |
| Host                        | Rabbit   |
| Gene Symbol                 | SMAD7  |
| Species                     | Human, Mouse, Rat  |
| Immunogen                   | Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of human Smad7. The exact sequence is proprietary. |
| Product Application Details |  |
| Applications                | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen   |
| Recommended Dilutions       | Western Blot, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen   |

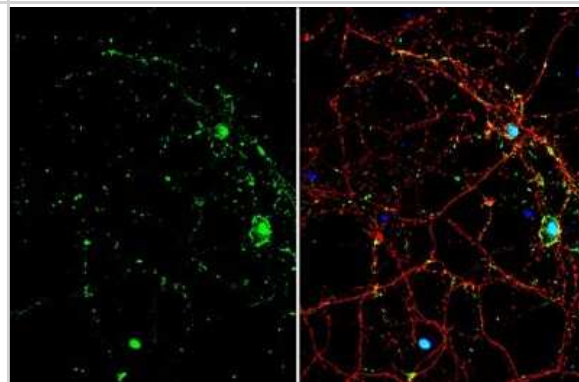


## Images

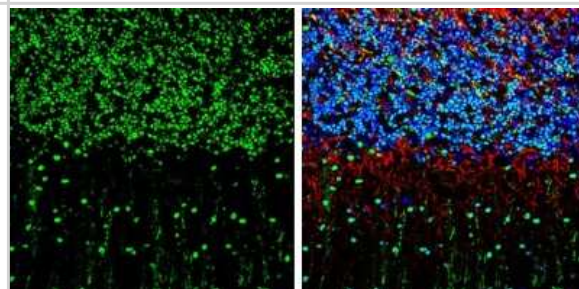
**Western Blot: Smad7 Antibody [NBP3-13375] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with Smad7 antibody (NBP3-13375) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.**



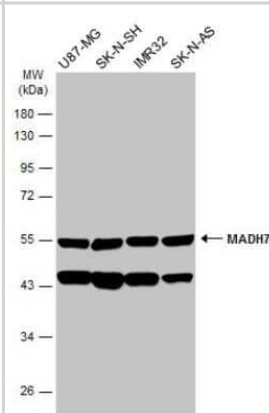
**Immunocytochemistry/Immunofluorescence: Smad7 Antibody [NBP3-13375] - Smad7 antibody detects Smad7 protein by immunofluorescent analysis. Sample: DIV9 rat E18 primary cortical neuron cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Smad7 stained by Smad7 antibody (NBP3-13375) diluted at 1:500. Red: Tau, stained by Tau antibody [GT287] diluted at 1:500. Blue: Fluoroshield with DAPI.**



**Immunohistochemistry-Frozen: Smad7 Antibody [NBP3-13375] - Smad7 antibody detects Smad7 protein by immunohistochemical analysis. Sample: Frozen-sectioned mouse mouse cerebellum. Green: Smad7 stained by Smad7 antibody (NBP3-13375) diluted at 1:250. Red: NF-H, stained by NF-H antibody [GT114] diluted at 1:500. Blue: Fluoroshield with DAPI.**



**Western Blot: Smad7 Antibody [NBP3-13375] - Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with Smad7 antibody (NBP3-13375) diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.**





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### **Products Related to NBP3-13375**

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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                          |
| NBP2-24710PEP | Smad7 Antibody Blocking Peptide                     |

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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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