

Product Datasheet

Smad3 Antibody - BSA Free **NBP2-20411**

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NBP2-20411

Smad3 Antibody - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS (pH 7), 20% Glycerol
Target Molecular Weight	48 kDa

Product Description

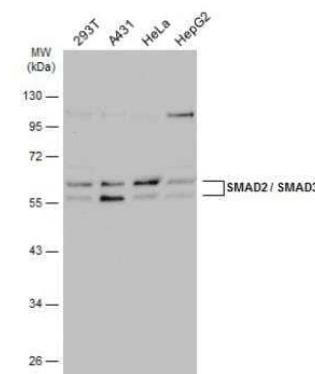
Description	Novus Biologicals Rabbit Smad3 Antibody - BSA Free (NBP2-20411) is a polyclonal antibody validated for use in IHC, WB, Flow, ICC/IF, IP and ChIP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4088
Gene Symbol	SMAD3
Species	Human, Mouse, Rat
Reactivity Notes	Xenopus laevis (95%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human Smad3. The exact sequence is proprietary.

Product Application Details

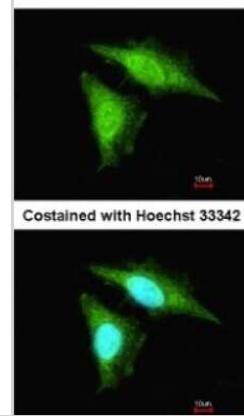
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Western Blot 1:1000-1:20000, Flow Cytometry, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunoprecipitation 1:1000-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000, Chromatin Immunoprecipitation (ChIP)
Application Notes	ChIP, Flow- assay Assay-dependent dilution

Images

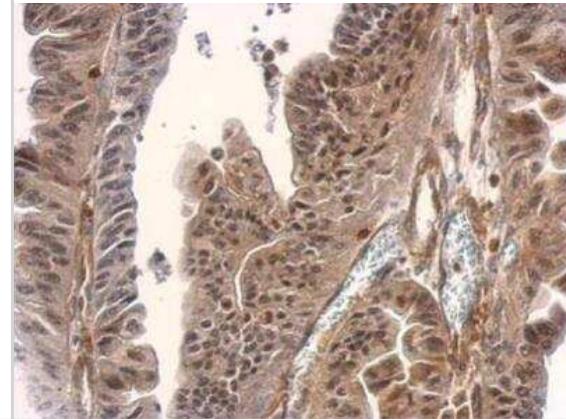
Western Blot: Smad3 Antibody [NBP2-20411] - Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with SMAD2 / SMAD3 antibody diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



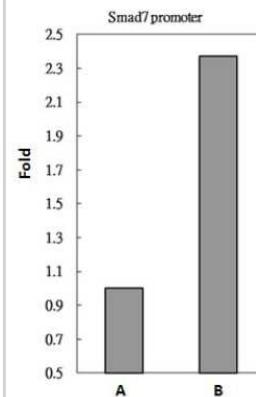
Immunocytochemistry/Immunofluorescence: SMAD3 Antibody [NBP2-20411] - Analysis of paraformaldehyde-fixed HeLa, using antibody at 1:200 dilution.



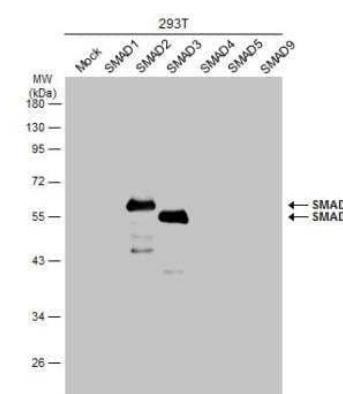
Immunohistochemistry-Paraffin: Smad3 Antibody [NBP2-20411] - Human gastric cancer. SMAD2 / SMAD3 antibody dilution: 1:500. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



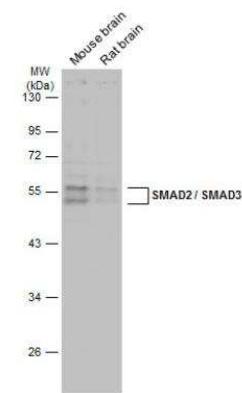
Chromatin Immunoprecipitation: SMAD3 Antibody [NBP2-20411] - Sample: HeLa whole cell lysate/extract A. 5 ug preimmune rabbit IgG B. 5 ug of SMAD3 antibody The precipitated DNA was detected by PCR with primer set targeting to smad7 promoter.



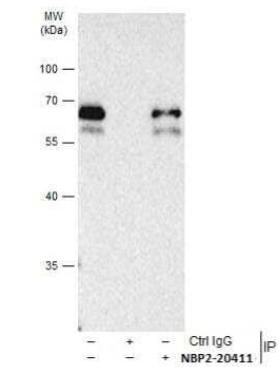
Western Blot: Smad3 Antibody [NBP2-20411] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with SMAD2 / SMAD3 antibody diluted at 1:20000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



Western Blot: Smad3 Antibody [NBP2-20411] - Various tissue extracts (50 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with SMAD2 / SMAD3 antibody diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



Immunoprecipitation: Smad3 Antibody [NBP2-20411] - HeLa whole cell extracts using 2 ug of SMAD2 / SMAD3 antibody. Western blot analysis was performed using SMAD2 / SMAD3 antibody. EasyBlot HRP-conjugated anti rabbit IgG antibody was used to detect the primary antibody.





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Products Related to NBP2-20411

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-30284	Recombinant Human Smad3 His 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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