

Product Datasheet

Smad2 Antibody - BSA Free

NBP3-02957-100ul

Unit Size: 100 ul

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

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NBP3-02957-100ul

Smad2 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	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS with 50% glycerol, pH7.3.
Target Molecular Weight	52 kDa

Product Description

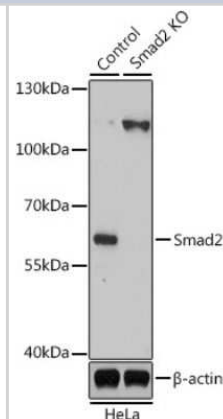
Host	Rabbit
Gene ID	4087
Gene Symbol	SMAD2
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Smad2 (NP_005892.1). MSSILPFTPPVVKRLLGWKKSAGGSGGAGGGEQNGQEEKWCEKAVKSLVKKL KKTGRLELEKAITTQNCNTKCVTIPSTCSEIWGLSTPNTIDQWDTTG

Product Application Details

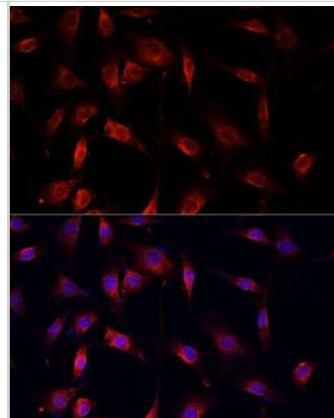
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockout Validated
Recommended Dilutions	Western Blot 1:500 - 1:2000, ELISA, Immunohistochemistry 1:50-1:200, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunohistochemistry-Paraffin, Knockout Validated

Images

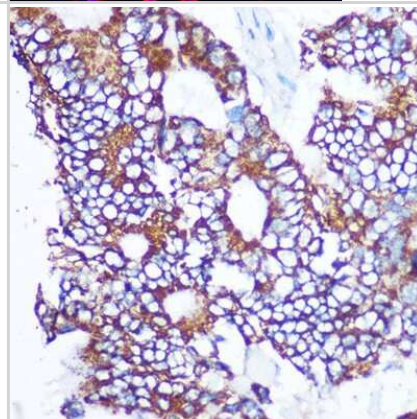
Western Blot: Smad2 Antibody [NBP3-02957] - Western blot analysis of extracts from normal (control) and Smad2 knockout (KO) HeLa cells, using Smad2 antibody (NBP3-02957) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 5min.



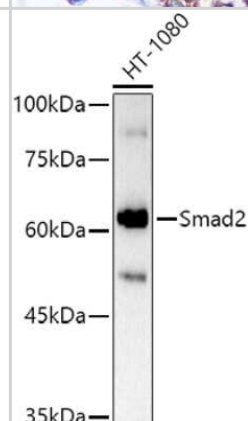
Immunocytochemistry/Immunofluorescence: Smad2 Antibody [NBP3-02957] - Immunofluorescence analysis of NIH/3T3 cells using Smad2 antibody (NBP3-02957) at dilution of 1:100. Blue: DAPI for nuclear staining.



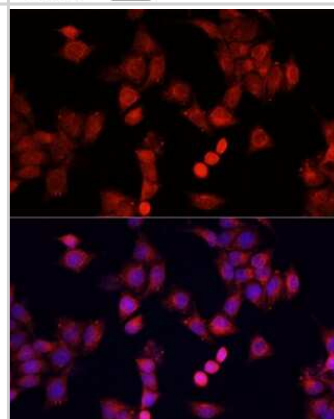
Immunohistochemistry-Paraffin: Smad2 Antibody [NBP3-02957] - Immunohistochemistry of paraffin-embedded Human colon carcinoma using [KO Validated] Smad2 Rabbit pAb (NBP3-02957) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



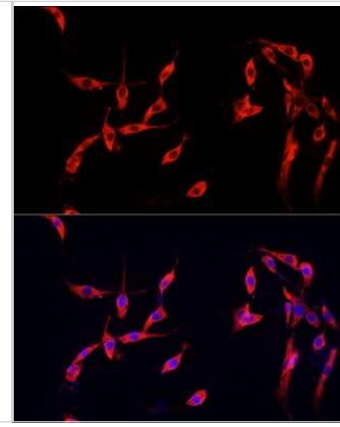
Western Blot: Smad2 Antibody [NBP3-02957] - Western blot analysis of extracts of HT-1080 cells, using Smad2 antibody (NBP3-02957) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.



Immunocytochemistry/Immunofluorescence: Smad2 Antibody [NBP3-02957] - Analysis of HeLa cells using Smad2 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunocytochemistry/Immunofluorescence: Smad2 Antibody [NBP3-02957] - Analysis of PC-12 cells using Smad2 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.





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Products Related to NBP3-02957-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBC1-25856-0.1mg	Recombinant Human Smad2 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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