

Product Datasheet

Smad2 [p Thr220] Antibody - BSA Free NBP1-04982

Unit Size: 0.1 ml

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

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NBP1-04982

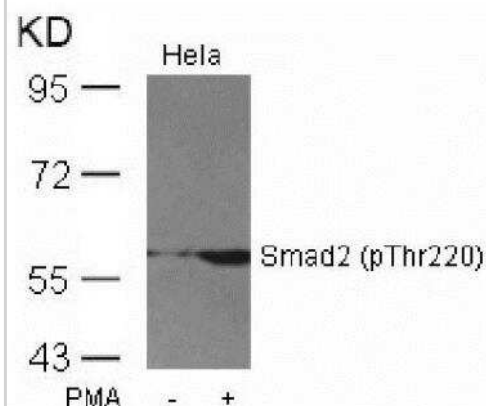
Smad2 [p Thr220] Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol
Target Molecular Weight	52 kDa
Product Description	
Description	Novus Biologicals Rabbit Smad2 [p Thr220] Antibody - BSA Free (NBP1-04982) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Smad2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4087
Gene Symbol	SMAD2
Species	Human, Mouse, Rat
Specificity/Sensitivity	Detects endogenous levels of Smad2 only when phosphorylated at threonine 220.
Immunogen	Peptide sequence around phosphorylation site of threonine 220 (P-E-T(p)-P-P) derived from Human Smad2 (NP_001003652.1).
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:1000, Immunohistochemistry 1:50-1:200, Immunocytochemistry/ Immunofluorescence 1:100-1:500, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	IHC-P reactivity reported in scientific literature (PMID: 23370707).

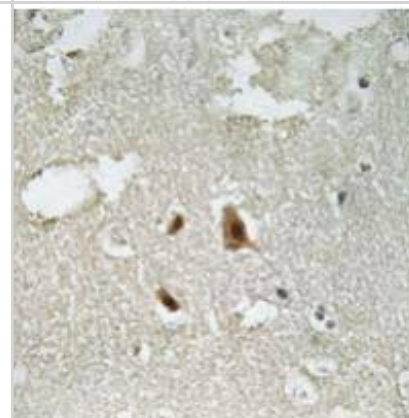


Images

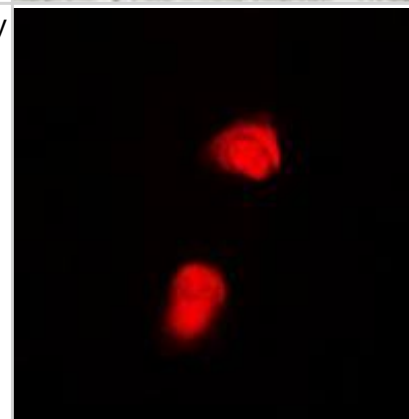
Western Blot: Smad2 [p Thr220] Antibody [NBP1-04982] - Extracts from HeLa cells untreated or treated with PMAA using Smad2 (Phospho-Thr220) Antibody .



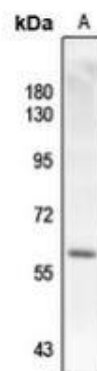
Immunohistochemistry-Paraffin: Smad2 [p Thr220] Antibody [NBP1-04982] - Immunohistochemical analysis of Smad2 staining in human brain formalin fixed paraffin embedded tissue section.



Immunocytochemistry/ Immunofluorescence: Smad2 [p Thr220] Antibody [NBP1-04982] - Immunofluorescent analysis of Smad2 staining in HeLa cells.



Western Blot: Smad2 [p Thr220] Antibody [NBP1-04982] - Western blot analysis of Smad2 [p Thr220] expression in rat heart (A) whole cell lysates.



Publications

Lee JM, Lee DJ, Bae SC, Jung HS. Abnormal liver differentiation and excessive angiogenesis in mice lacking Runx3. Histochem Cell Biol 2013-01-31 [PMID: 23370707] (IHC-P, Mouse)



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Products Related to NBP1-04982

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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