

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

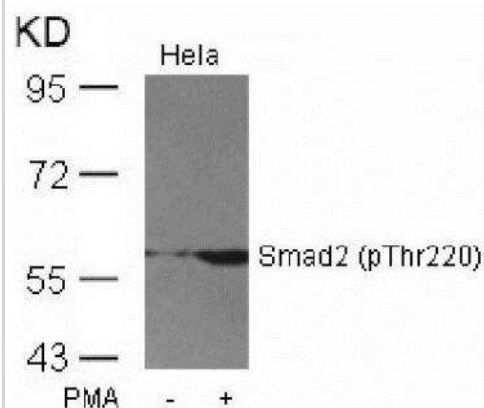
Product Description	
Description	Novus Biologicals Rabbit Smad2 [p Thr220] Antibody - BSA Free (NBP1-04982) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Smad2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene 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).

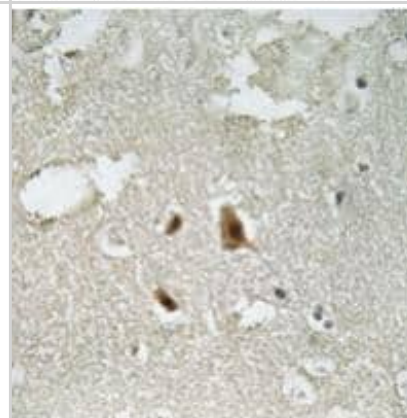


Images

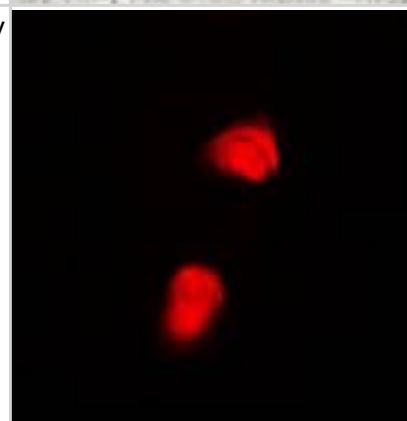
Western Blot: Smad2 [p Thr220] Antibody [NBP1-04982] - Extracts from HeLa cells untreated or treated with PMAA using Smad2 (Phospho-Thr220) Antibody .



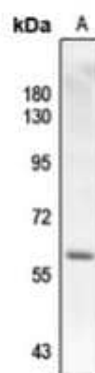
Immunohistochemistry-Paraffin: Smad2 [p Thr220] Antibody [NBP1-04982] - Immunohistochemical analysis of Smad2 staining in human brain formalin fixed paraffin embedded tissue section.



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

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

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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