

Product Datasheet

Smad7 Antibody - BSA Free

NBP1-87728

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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NBP1-87728

Smad7 Antibody - BSA Free

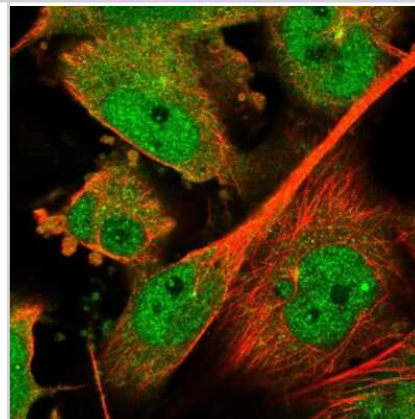
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	4092
Gene Symbol	SMAD7
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: EVKRLCCCESYGGKINPELVCCNPHHLSRLCELESPPPPYSRYPMDFLKPTADC PDAVPSSAETGGTNYLAPGGLSDSQQLLLEPGDRSHWCVVAYWEEKTRVGRLY CVQEPLDIFYDLPQGNG

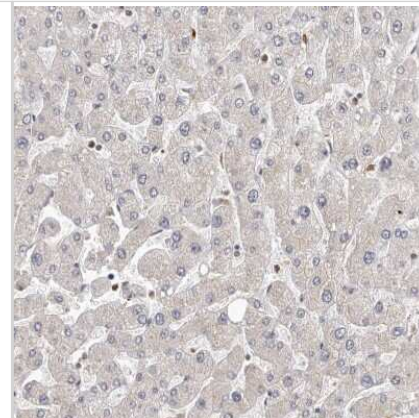
Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50-1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

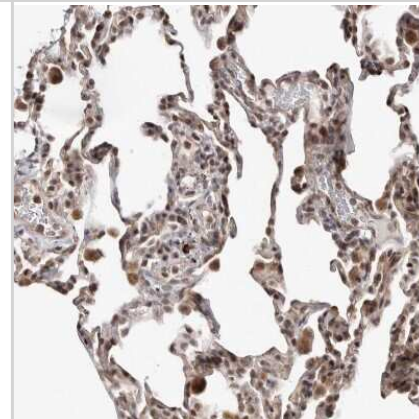
Immunocytochemistry/Immunofluorescence: Smad7 Antibody [NBP1-87728] - Staining of human cell line U-251 MG shows localization to nucleoplasm, nucleoli fibrillar center, cytosol and centrosome. Antibody staining is shown in green.



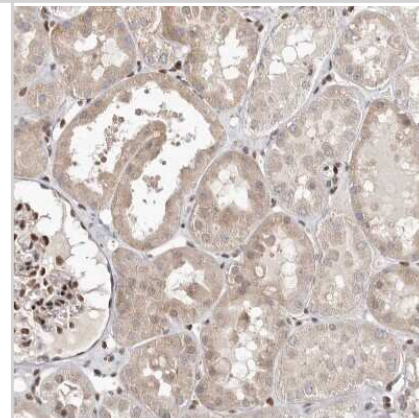
Immunohistochemistry-Paraffin: Smad7 Antibody [NBP1-87728] - Staining of human Liver shows very weak cytoplasmic positivity in hepatocytes.



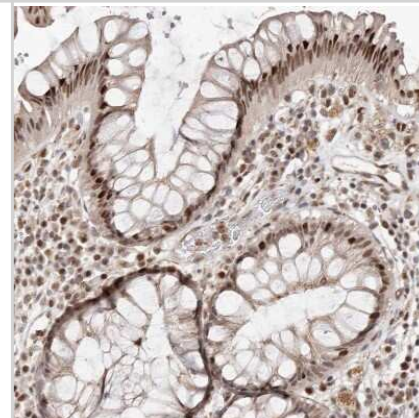
Immunohistochemistry-Paraffin: Smad7 Antibody [NBP1-87728] - Staining of human lung shows nuclear positivity in pneumocytes and macrophages.



Immunohistochemistry-Paraffin: Smad7 Antibody [NBP1-87728] - Staining of human Kidney shows moderate cytoplasmic positivity in cells in tubules.



Immunohistochemistry-Paraffin: Smad7 Antibody [NBP1-87728] - Staining of human Rectum shows moderate nuclear and cytoplasmic positivity in glandular cells.



Publications

Ke Y, Li BZ, Nguyen K et al. IL22RA2 is a Smad7 target mediating alleviation of dermatitis and psoriatic phenotypes in mice The Journal of investigative dermatology 2023-05-19 [PMID: 37211203] (Western Blot, Immunohistochemistry-Paraffin, Mouse)



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Products Related to NBP1-87728

NBP1-87728PEP	Smad7 Recombinant Protein Antigen
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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