

Product Datasheet

AFAP Antibody - BSA Free NBP1-90216

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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technical@novusbio.com

Publications: 1

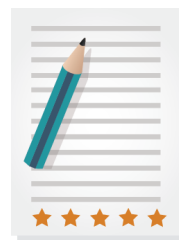
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NBP1-90216

AFAP 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

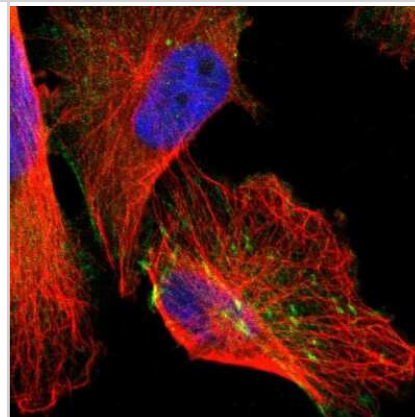
Product Description	
Description	Novus Biologicals Rabbit AFAP Antibody - BSA Free (NBP1-90216) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-AFAP Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	60312
Gene Symbol	AFAP1
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (80%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: PEALHYDYIDVEMSASVIQTAKQTFCFMNRRVISANPYLGGTSNGYAHPSGTAL HYDDVPCINGSLKGKKPPVASNGVTGKGKTLSSQPKKADPAAVVKRTGSNAA QYKYGKNRVEADAKR

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

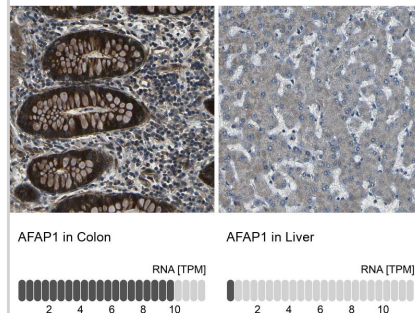


Images

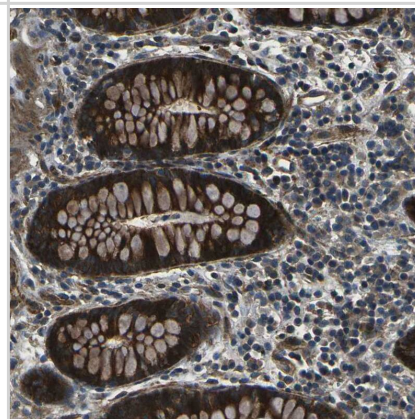
Immunocytochemistry/Immunofluorescence: AFAP Antibody [NBP1-90216] - Staining of human cell line U-251 MG shows positivity in cytoplasm, actin filaments and focal adhesion sites. Antibody staining is shown in green.



Analysis in human colon and liver tissues using NBP1-90216 antibody. Corresponding AFAP1 RNA-seq data are presented for the same tissues.



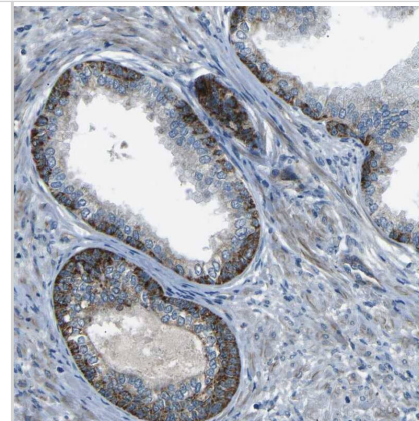
Staining of human colon shows strong cytoplasmic positivity in glandular cells.



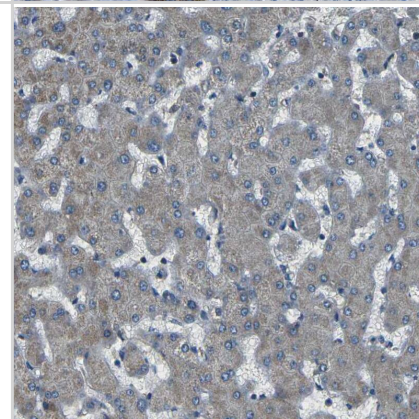
Staining of human placenta shows strong granular cytoplasmic positivity in trophoblastic cells.



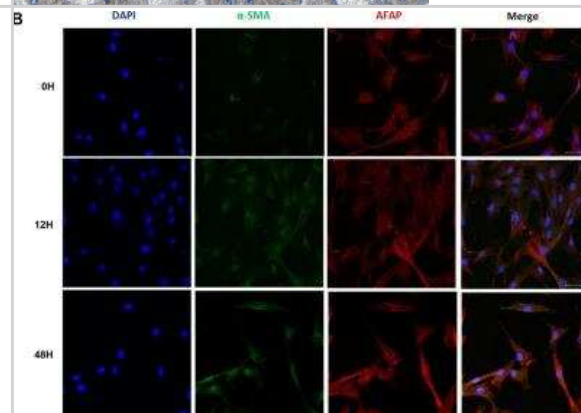
Staining of human prostate shows moderate granular cytoplasmic positivity in glandular cells.



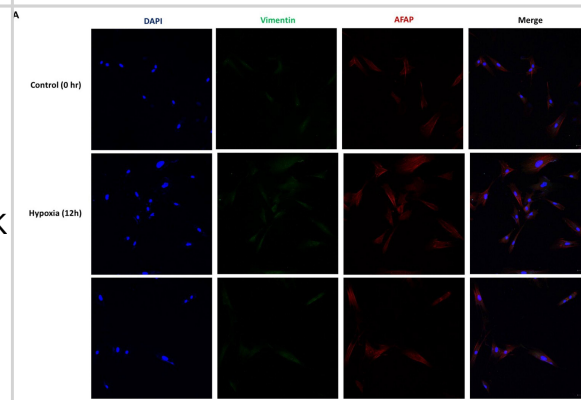
Staining of human liver shows very weak positivity in hepatocytes as expected.



AFAP-Antibody-Immunocytochemistry-Immunofluorescence-NBP1-90216-img0009.jpg



Immunocytochemistry/ Immunofluorescence: AFAP Antibody [NBP1-90216] - Effect of an ERK-specific inhibitor (SCH 772984) on phenotypic markers of EMT under hypoxia; DAPI (blue), vimentin (green, upper), α -SMA (green, lower), AFAP (red, upper), α -tubulin (red, lower). (A) Increased expression of AFAP under hypoxia for 12 h were reduced after the treatment of ERK inhibitors. (B) Increased expression of α -tubulin under hypoxia for 12 h were reduced after the treatment of ERK inhibitors. Results are representative of three independent experiments, scale bar = 50 μ M. Image collected & cropped by CiteAb from the following publication (<https://pubmed.ncbi.nlm.nih.gov/31137604>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Morwitzer MJ, Tritsch SR, Cazares LH et al. Hypoxia-Induced Epithelial-To-Mesenchymal Transition Mediates Fibroblast Abnormalities via EKR Activation in Cutaneous Wound Healing Int J Mol Sci 2019-05-24 [PMID: 31137604] (ICC/IF, Human)



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Products Related to NBP1-90216

NBP1-90216PEP	AFAP 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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