

Product Datasheet

Alpha Actinin 4 Antibody - BSA Free NBP1-89818

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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NBP1-89818

Alpha Actinin 4 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	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

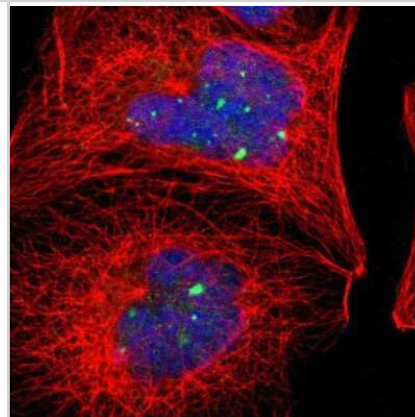
Product Description	
Description	Novus Biologicals Rabbit Alpha Actinin 4 Antibody - BSA Free (NBP1-89818) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Alpha Actinin 4 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	81
Gene Symbol	ACTN4
Species	Human, Mouse, Rat
Reactivity Notes	Reactivity reported in scientific literature (PMID: 22361696)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: MFIVHTIEEIEGLISAHDQFKSTLPDADREREAILAIHKEAQRIAESNHILKLSGNSP YTTVTPQIINSKWEKVQQLVPKRDHALLEEQSKQQSNEHLRRQFASQANVVG WIQTKMEEIGRISIEMNGTLE

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

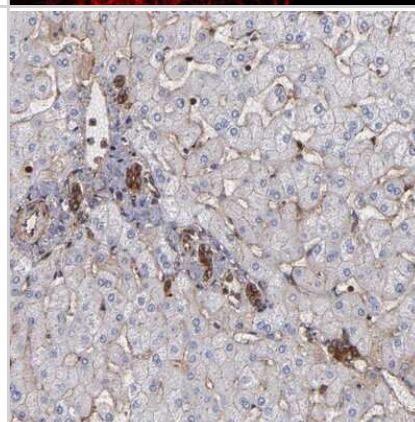


Images

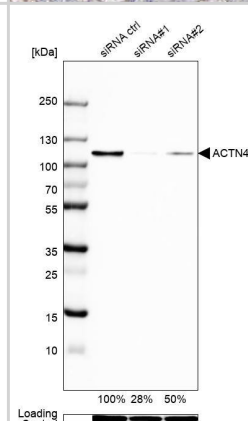
Immunocytochemistry/Immunofluorescence: Alpha Actinin 4 Antibody [NBP1-89818] - Staining of human cell line A-431 shows localization to nuclear bodies. Antibody staining is shown in green.



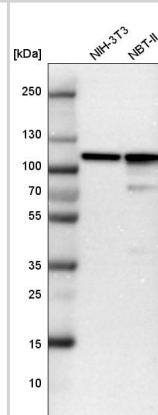
Immunohistochemistry-Paraffin: Alpha Actinin 4 Antibody [NBP1-89818] - Staining of human liver shows strong cytoplasmic and membranous positivity in bile duct cells.



Analysis in A-549 cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-ACTN4 antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



Publications

Stadler C, Hjelmare M, Neumann B et al. Systematic validation of antibody binding and protein subcellular localization using siRNA and confocal microscopy. J Proteomics 2012-04-03 [PMID: 22361696]



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Products Related to NBP1-89818

NBP1-89818PEP	Alpha Actinin 4 Recombinant Protein Antigen
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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