

Product Datasheet

Zyxin Antibody - BSA Free

NBP1-90349

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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Publications: 4

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Updated 9/9/2025 v.20.1

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NBP1-90349

Zyxin 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

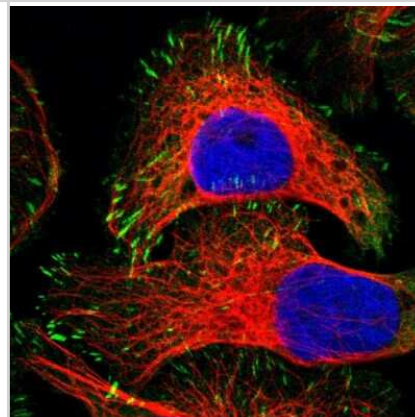
Product Description	
Description	Novus Biologicals Rabbit Zyxin Antibody - BSA Free (NBP1-90349) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-Zyxin Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	7791
Gene Symbol	ZYX
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 31387632). Rat (85%).
Marker	Focal Adhesion Marker
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: PAPKFSPVTPKFTPVASKFSPGAPGGSGSQPNQKLGHPEALSAGTGSPQPPS FTYAQQREKPRVQEKQHPVPPPAQNQNQVRSPGAPGPLTLKEVEELEQLTQQ LMQDMEHPQRQNVAVNE

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

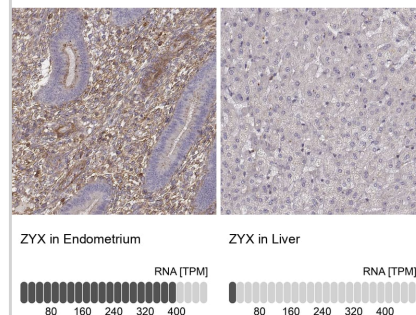


Images

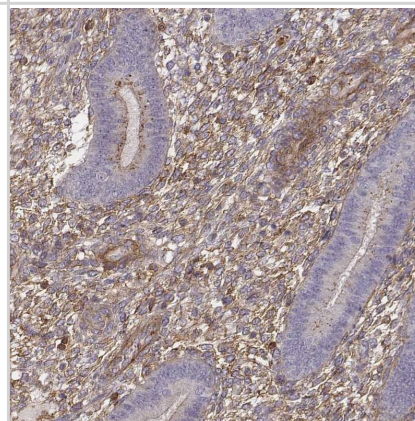
Immunocytochemistry/Immunofluorescence: Zyxin Antibody [NBP1-90349] - Staining of human cell line U-2 OS shows localization to focal adhesion sites. Antibody staining is shown in green.



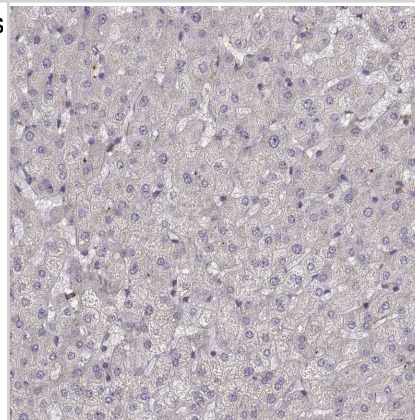
Analysis in human endometrium and liver tissues using NBP1-90349 antibody. Corresponding ZYX RNA-seq data are presented for the same tissues.



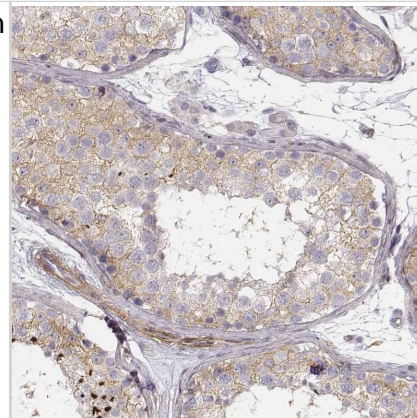
Staining of human endometrium shows strong cytoplasmic positivity in stromal cells.



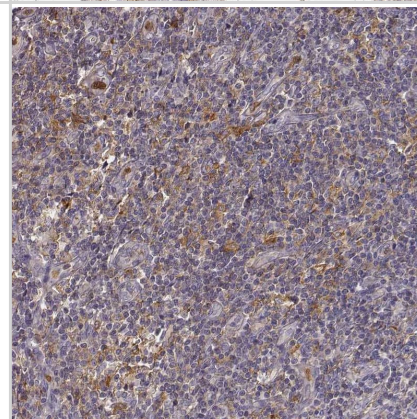
Staining of human liver shows no cytoplasmic positivity in hepatocytes as expected.



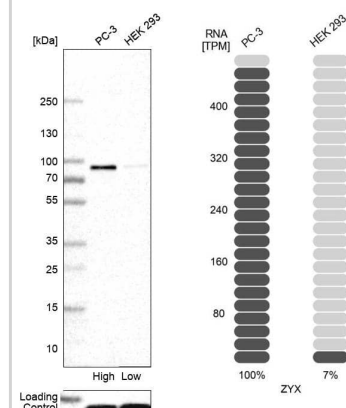
Staining of human testis shows moderate cytoplasmic positivity in cells in seminiferous ducts.



Staining of human lymph node shows strong cytoplasmic positivity in non-germinal center cells.



Analysis in human cell lines PC-3 and HEK293 using Anti-ZYX antibody. Corresponding ZYX RNA-seq data are presented for the same cell lines. Loading control: Anti-PFN1.



Publications

Leenders SHAM, Pankratova G, Wijenberg J et Al. Amine Adsorbents Stability for Post-Combustion CO(2) Capture: Determination and Validation of Laboratory Degradation Rates in a Multi-staged Fluidized Bed Pilot Plant ChemSusChem 2023-12-19 [PMID: 37589250]

Austin J, Tu Y, Pal K, Wang X Vinculin transmits high-level integrin tensions that are dispensable for focal adhesion formation Biophysical journal 2022-11-09 [PMID: 36352785]

He R, Wang M, Zhao C et al. TFEB-driven autophagy potentiates TGF-beta induced migration in pancreatic cancer cells J. Exp. Clin. Cancer Res. 2019-08-06 [PMID: 31387632] (ICC/IF, Human, Mouse)

Fukumoto M, Kurisu S, Yamada T. alpha-Actinin-4 Enhances Colorectal Cancer Cell Invasion by Suppressing Focal Adhesion Maturation. PLoS One 2015-01-01 [PMID: 25860875] (ICC/IF)



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Products Related to NBP1-90349

NBP1-90349PEP	Zyxin 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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