BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-Paxillin Pxn Antibody (Monoclonal, PXC-10)

Catalog Number: MA1080

About Pxn

The paxillin gene can be alternatively spliced to include 1 of 2 alternative exons, generating beta and gamma isoforms. Paxillin is a 68-kDa focal adhesion protein that is phosphorylated on tyrosine residues in fibroblasts in response to transformation by v-src, treatment with platelet-derived growth factor, or cross-linking of integrins. The 68-kD protein (paxillin) is a cytoskeletal component that localizes to the focal adhesions at the ends of actin stress fibers in chicken embryo fibroblasts. It is also present in the focal adhesions of Madin-Darby bovine kidney (MDBK) epithelial cells but is absent, like talin, from the cell-cell adherens junctions of these cells.

Submit a product review to Biocompare.com



Submit a review of this product to Biocompare.com to receive a $20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.

Overview

Product Name	Anti-Paxillin Pxn Antibody (Monoclonal, PXC-10)
Reactive Species	Bovine, Chicken, Hamster, Human, Mouse, Rat
Description	Boster Bio Anti-Paxillin Pxn Antibody (Monoclonal, PXC-10) catalog # MA1080. Tested in ICC, WB applications. This antibody reacts with Chicken, Human, Mouse, Rat.
Application	ICC, WB
Clonality	Monoclonal PXC-10
Formulation	Mouse IgG in stabilizing components, 1.2% sodium acetate and 0.01mg NaN3.
Storage Instructions	Store at -20˚C for one year from date of receipt. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for six months. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	Q66H76

Technical Details

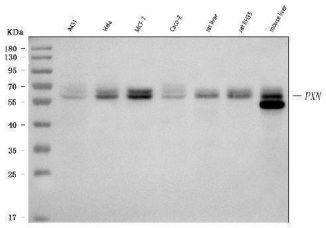
Immunogen	C-terminal part of recombinant chicken paxillin (amino acids 305-559).
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Mouse IgG (EK1001) for Western blot, and HRP Conjugated anti-Mouse IgG Super Vision Assay Kit (SV0001-1) for ICC.
Cross Reactivity	No cross-reactivity with other proteins

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Isotype	Mouse IgG1
Form	Lyophilized
Concentration	Adding 1 ml of PBS buffer will yield a concentration of 100 ug/ml.
Purification	Ascites
Suggested Dilutions	Immunocytochemistry , 1ug/ml, Human, mouse, rat, chicken, - Western blot, 1-2ug/ml, Human, mouse, rat, chicken

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-Paxillin Pxn Antibody (Monoclonal, PXC-10) (MA1080) Images



Western blot analysis of Paxillin using anti-Paxillin antibody (MA1080). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human A431 whole cell lysates, Lane 2: human Hela whole cell lysates, Lane 3: human MCF-7 whole cell lysates, Lane 4: human CACO-2 whole cell lysates, Lane 5: rat liver tissue lysates, Lane 6: rat RH35 whole cell lysates, Lane 7: mouse liver tissue lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with mouse anti-Paxillin antigen affinity purified monoclonal antibody (Catalog # MA1080) at 1 ug/mL overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-mouse IgG-HRP secondary antibody at a dilution of 1:10000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1001) with Tanon 5200 system. A specific band was detected for Paxillin at approximately 65 kDa. The expected band size for Paxillin is at 65 kDa.

3 Publications Citing This Product

1. PubMed ID: 24876153, Zhu Z, Liu Y, Li K, Liu J, Wang H, Sun B, Xiong Z, Jiang H, Zheng J, Hu Z. Carcinogenesis. 2014 Aug;35(8):1901-10. Doi: 10.1093/Carcin/Bgu123. Epub 2014 May 29. Protein Tyrosine Phosphatase Receptor U (Ptpru) Is Required For Glioma Growth And Moti...

2. PubMed ID: 25337216, Liu Y, Zhu Z, Xiong Z, Zheng J, Hu Z, Qiu J. Int J Clin Exp Pathol. 2014 Aug 15;7(9):5750-61. Ecollection 2014. Knockdown Of Protein Tyrosine Phosphatase Receptor U Inhibits Growth And Motility Of Gastric Cancer Cells.

3. PubMed ID: 24637093, Zhong S, Luo R, Wang X, Tang L, Wu J, Wang J, Huang R, Sun H, Huang N. Colloids Surf B Biointerfaces. 2014 Apr 1;116:553-60. Doi: 10.1016/J.Colsurfb.2014.01.030. Epub 2014 Jan 30. Effects Of Polydopamine Functionalized Titanium Dioxide Nanotubes O...

Visit bosterbio.com/anti-paxillin-antibody-monoclonal-ma1080-boster.html to see all 3 publications.

For Research Use Only. Not for use in diagnostic procedures.