Datasheet for ABIN533141

anti-Paxillin antibody

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Overview

Quantity:	100 µL
Target:	Paxillin (PXN)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Paxillin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Mouse monoclonal antibody raised against full length recombinant PXN.
Immunogen:	Recombinant protein corresponding to full length human PXN.
Clone:	M107
Isotype:	IgG1
Cross-Reactivity:	Chicken, Human, Mouse, Rat
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	Paxillin (PXN)
Alternative Name:	Paxillin / PXN (PXN Products)

Target Details

Gene ID:	5829
Pathways:	MAPK Signaling, EGFR Signaling Pathway, Response to Growth Hormone Stimulus, Cell-Cell Junction Organization, Maintenance of Protein Location, CXCR4-mediated Signaling Events, Signaling Events mediated by VEGFR1 and VEGFR2, Signaling of Hepatocyte Growth Factor Receptor, VEGF Signaling

Application Details

Application Notes:	ELISA (1:2000) Immunocytochemistry (1:100) Immunoprecipitation (1-5 µL) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	In PBS (50 % glycerol, 1 mg/mL BSA, 0.05 % sodium azide)
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

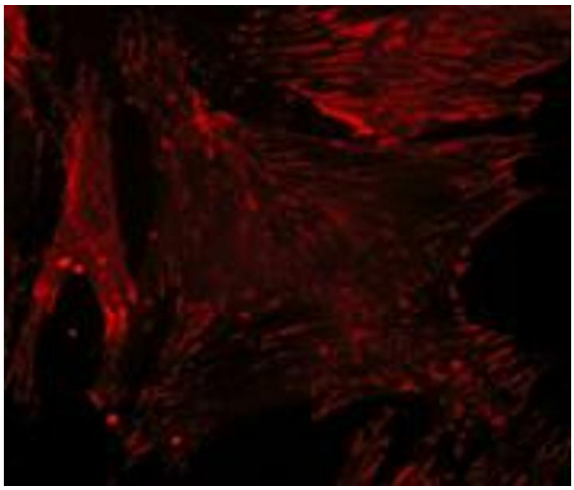
Publications

Product cited in:	Woodrow, Woods, Cherwinski, Stokoe, McMahon: "Ras-induced serine phosphorylation of the focal adhesion protein paxillin is mediated by the Raf-->MEK-->ERK pathway." in: **Experimental cell research**, Vol. 287, Issue 2, pp. 325-38, (2003) (PubMed). Huang, Rajfur, Borchers, Schaller, Jacobson: "JNK phosphorylates paxillin and regulates cell migration." in: **Nature**, Vol. 424, Issue 6945, pp. 219-23, (2003) (PubMed).

Publications

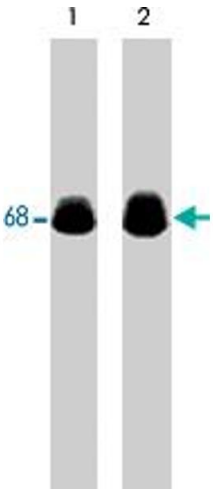
Huang, Jacobson, Schaller: "A role for JNK-paxillin signaling in cell migration." in: **Cell cycle (Georgetown, Tex.)**, Vol. 3, Issue 1, pp. 4-6, (2003) (PubMed).

Images



Immunocytochemistry

Image 1. Immunocytochemical labeling of PXN in rabbit spleen fibroblasts. The cells were labeled with PXN monoclonal antibody, clone M107 (left) , then detected using appropriate secondary antibodies conjugated to Cy3.



Western Blotting

Image 2. Western blot analysis of A-431 cells (20 mg/lane) serum starved overnight. Then untreated (lane 1) or treated (lane 2) with EGF (100 ng/ml) for 5 min. The blot was probed with PXN monoclonal antibody, clone M107 .

