Datasheet for ABIN968847

anti-Paxillin antibody (AA 1-557)

3 Images | 1 Publication

Go to Product page

Overview

Quantity:	100 µg
Target:	Paxillin (PXN)
Binding Specificity:	AA 1-557
Reactivity:	Human, Mouse, Rat, Chicken, Dog
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Paxillin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Immunogen:	Chicken Paxillin aa. 1-557
Clone:	349-Paxillin
Isotype:	IgG1
Cross-Reactivity:	Human, Dog (Canine), Mouse (Murine), Rat (Rattus)
Characteristics:	1. Since applications vary, each investigator should titrate the reagent to obtain optimal results. 2. Caution: Sodium azide yields highly toxic hydrazoic acid under acidic conditions. Dilute azide compounds in running water before discarding to avoid accumulation of potentially explosive deposits in plumbing. 3. Please refer to us for technical protocols.
Purification:	The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity

Product Details

	chromatography.

Target Details

Target:	Paxillin (PXN)
Alternative Name:	PAXILLIN MAB (PXN Products)
Background:	A number of cytoskeletal proteins are tyrosine phosphorylated in Rous sarcoma virus-transformed chick embryo fibroblasts. One of these is the 68 kDa paxillin protein. Paxillin is a cytoskeletal component that localizes to the focal adhesions at the ends of actin stress fibers. It is also present in the focal adhesions of Madin-Darby canine kidney epithelial cells, but is absent from the cell adherens junctions of these cells. Paxillin purified from chicken gizzard migrates as a diffuse band on SDS-PAGE with molecular weight of 65-70 kDa. It binds to the rod domain of vinculin, another focal adhesion protein. It is thought that phosphorylation of paxillin may have a role in that disassembly of focal adhesions and stress fibers during transformation. This antibody is routinely tested by Western blot analysis.
Molecular Weight:	68 kDa
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

Comment:	Related Products: ABIN967389
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	Aqueous buffered solution containing glycerol and ≤0.09 % 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.

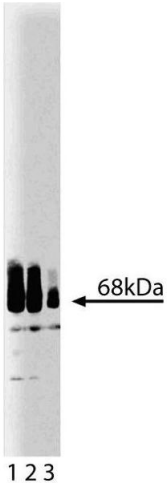
Handling

Storage:	-20 °C
Storage Comment:	Store undiluted at -20° C.

Publications

Product cited in:	Glenney, Zokas: "Novel tyrosine kinase substrates from Rous sarcoma virus-transformed cells are present in the membrane skeleton." in: **The Journal of cell biology**, Vol. 108, Issue 6, pp. 2401-8, (1989) (PubMed).

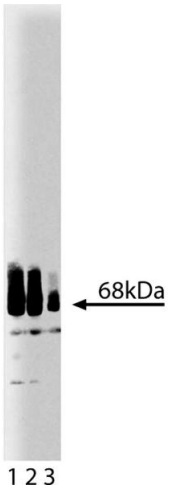
Images



Western Blotting

Image 1. Western blot analysis of Paxillin on a A431 cell lysate (Human epithelial carcinoma, ATCC CRL-1555). Lane 1: 1:10,000, lane 2: 1:20,000, lane 3: 1:40,000 dilution of the anti-Paxillin antibody.

Image 2.



Western Blotting

Image 3.

