

Datasheet for 200-301-P44**Paxillin Antibody****Overview**

Description:	Anti-Paxillin (MOUSE) Antibody - 200-301-P44
Item No.:	200-301-P44
Size:	100 µg
Applications:	WB
Reactivity:	Human, Mouse, Rat, Chicken
Host Species:	Mouse

Product Details

Background:	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. This antibody is suitable for researchers interested in growth factors and signal transduction.
Synonyms:	Paxillin antibody, PXN
Host Species:	Mouse
Clonality:	Monoclonal
Clone ID:	PXC-10
Format:	IgG1

Target Details

Gene Name:	PXN
Reactivity:	Human, Mouse, Rat, Chicken
Immunogen Type:	Recombinant Protein

Immunogen:	Paxillin antibody was produced in mice by repeated immunizations with recombinant protein corresponding to the C-terminal part of chicken paxillin (amino acids 305-559).
Purity/Specificity:	Anti-Paxillin antibody was purified from mouse ascites by protein A chromatography. This product reacts with human, mouse, rat, and chicken. Cross reactivity with Paxillin from other sources has not been determined.
Relevant Links:	• UniProtKB - P49023 • GeneID - 5829 • NCBI - NP_001074324.1

Application Details

Tested Applications:	WB
Application Note:	Anti-Paxillin is useful for Immunocytochemistry and Western Blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately ~64.5 kDa corresponding to the appropriate cell lysate or extract.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:20,000
WB:	1-2ug/ml

Formulation

Physical State:	Lyophilized
Concentration:	1.0 mg/mL by UV absorbance at 280 nm
Buffer:	1.2% sodium acetate
Preservative:	0.01% (w/v) Sodium Azide
Stabilizer:	2mg BSA
Reconstitution Volume:	1.0 mL
Reconstitution Buffer:	Neutral PBS

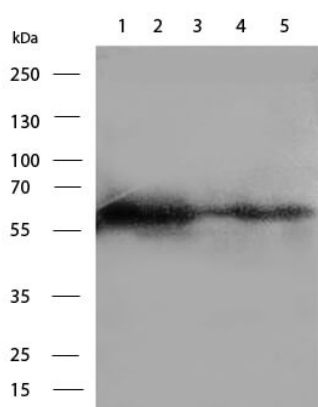
Shipping & Handling

Shipping Condition:	Ambient
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Storage Condition: Store vial at 4° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Expiration: Expiration date is one (1) year from date of receipt.

Images



Western Blot

Western Blot of Mouse Anti-Paxillin antibody. Lane 1:293T Cell Lysate. Lane 2: HELA Cell Lysate. Lane3: MCF-7 Cell Lysate. Lane4:M231 Cell Lysate. Lane5: Jurkat Cell Lysate. Load: 35 µg per lane. Primary antibody: Paxillin antibody at 1-2ug/ml for overnight at 4°C. Secondary antibody: HRP rabbit secondary antibody at 1:10,000 for 1.5 hr at RT. Block: 5% BLOTTO overnight at 4°C. Predicted/Observed size: ~64.5 kDa for Paxillin. Other band(s): none.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.