

## ARG58203 anti-Paxillin antibody [PXC-10, aka PAX-14]

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody [PXC-10, aka PAX-14] recognizes Paxillin
Tested Reactivity	Hu, Ms, Rat
Predict Reactivity	Chk
Tested Application	WB
Host	Mouse
Clonality	Monoclonal
Clone	PXC-10, aka PAX-14
Isotype	IgG1
Target Name	Paxillin
Species	Chicken
Immunogen	C-terminal partial recombinant protein corresponding to aa. 305-559 of Chicken Paxillin.
Conjugation	Un-conjugated
Alternate Names	Paxillin

### Application Instructions

Application table	Application	Dilution
	WB	1 - 2 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

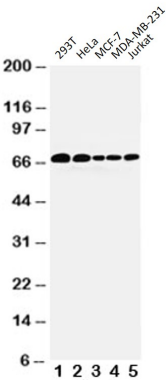
### Properties

Form	Liquid
Purification	Ascites
Buffer	PBS, 0.01% Sodium azide and 1% BSA.
Preservative	0.01% Sodium azide
Stabilizer	1% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	PXN
Gene Full Name	paxillin
Background	This gene encodes a cytoskeletal protein involved in actin-membrane attachment at sites of cell adhesion to the extracellular matrix (focal adhesion). Alternatively spliced transcript variants encoding different isoforms have been described for this gene. These isoforms exhibit different expression pattern, and have different biochemical, as well as physiological properties (PMID:9054445). [provided by RefSeq, Aug 2011]
Function	Cytoskeletal protein involved in actin-membrane attachment at sites of cell adhesion to the extracellular matrix (focal adhesion). [UniProt]
Calculated Mw	61/65/66 kDa (Isoform alpha/beta/gamma)
PTM	Phosphorylated by MAPK1/ERK2 (By similarity). Phosphorylated on tyrosine residues during integrin-mediated cell adhesion, embryonic development, fibroblast transformation and following stimulation of cells by mitogens. Phosphorylation at Ser-244 by CDK5 reduces its interaction with PTK2/FAK1 in matrix-cell focal adhesions (MCFA) during oligodendrocytes (OLs) differentiation. Phosphorylation at Tyr-31 and Tyr-118 by PTK6 promote the activation of RAC1 via CRK/CrKII, thereby promoting migration and invasion. Phosphorylation at Ser-250 by SLK is required for PXN redistribution and cell motility (PubMed:23128389). [UniProt]

Images



ARG58203 anti-Paxillin antibody [PXC-10, aka PAX-14] WB image

Western blot: 1) 293T, 2) HeLa, 3) MCF-7, 4) MDA-MB-231 and 5) Jurkat cell lysates stained with ARG58203 anti-Paxillin antibody [PXC-10, aka PAX-14].