

Product datasheet for **AM20658PU-N**

Paxillin (PXN) (C-term) Mouse Monoclonal Antibody [Clone ID: PAX-14]

Product data:

Product Type:	Primary Antibodies
Clone Name:	PAX-14
Applications:	IF, WB
Recommended Dilution:	Western Blot: 1 - 2 µg/ml. Immunocytochemistry.
Reactivity:	Chicken, Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	C-terminal part of recombinant chicken paxillin (amino acids 305-559)
Specificity:	This antibody reacts to Paxillin.
Formulation:	1.2 % sodium acetate, with 2 mg BSA and 0.01 mg sodium azide as preservative. State: Purified State: Lyophilized purified Ig fraction
Reconstitution Method:	Restore with 1.2% sodium acetate or neutral PBS
Concentration:	0,1 mg/ml (after reconstitution with PBS)
Purification:	Affinity chromatography
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store at -20°C. Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	paxillin
Database Link:	Entrez Gene 19303 Mouse Entrez Gene 360820 Rat Entrez Gene 5829 Human P49023



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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.
Synonyms:	FLJ16691
Protein Families:	Druggable Genome, Stem cell - Pluripotency
Protein Pathways:	Chemokine signaling pathway, Focal adhesion, Leukocyte transendothelial migration, Regulation of actin cytoskeleton, VEGF signaling pathway