

35-1321: Polyclonal Antibody to Paxillin (phospho-Tyr88)

Clonality :	Polyclonal
Application :	WB,IF
Reactivity :	Human
Gene :	PXN
Gene ID :	5829
Uniprot ID :	P49023
Format :	Purified
Alternative Name :	Paxillin; Pxn
Isotype :	Rabbit IgG
Immunogen Information :	Peptide sequence around phosphorylation site of tyrosine 88 (P-V-Y(p)-G-S) derived from Human Paxillin.

Description

An antiphosphotyrosine antibody was used to identify proteins that are phosphorylated in Rous sarcoma virus-transformed chick embryo fibroblasts, and a 76-kD protein was obtained that localizes to focal adhesions at the ends of actin-containing stress fibers in nontransformed cells (Ref.1). This protein was purified from chicken gizzard smooth muscle, and was named Pxn (Paxillin) ('paxillus' means 'small stake' or 'peg' in Latin) as a protein tethered to the membrane at focal adhesions

Product Info

Amount :	50 μ l / 100 μ l
Content :	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Western blotting: 1:500~1:1000, Immunofluorescence: 1:100~1:200

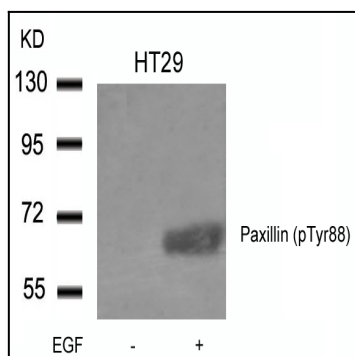


Figure 1: Western blot analysis of extracts from HT29 cells untreated or treated with EGF using Paxillin(phospho-Tyr88) Antibody 35-1321 .

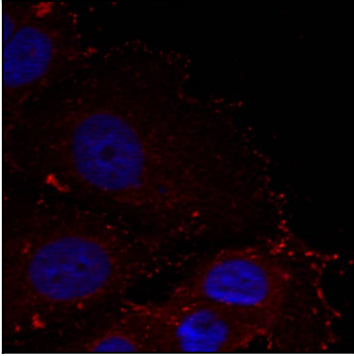


Figure 2: Immunofluorescence staining of methanol-fixed HeLa cells using Paxillin(phospho-Tyr88) Antibody 35-1321 .