

35-1188: Polyclonal Antibody to Paxillin (Phospho-Tyr31)

Clonality :	Polyclonal
Application :	WB
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 31 (T-P-Y(p)-S-Y) 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 Davidson D, et al. (2001) EMBO J 20(13): 3414-3426. Fleming I, et al. (1999) Proc Natl Acad Sci U S A 96(3): 1123-1128. Goldberg MB. (2001) Microbiol Mol Biol Rev 65(4): 595-626. Kook S, et al. (2000) Mol Biol Cell 11(3): 929-939.

Product Info

Amount :	50 µl / 100 µl
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

Predicted MW: 68kd, Western blotting: 1:500~1:1000

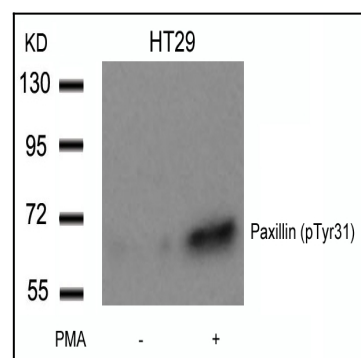


Figure 1: Western blot analysis of extracts from HT29 cells untreated or treated with PMA using Paxillin(Phospho-Tyr31) Antibody 35-1188 .