

Anti-Phospho-PXN (Tyr31) Polyclonal Antibody

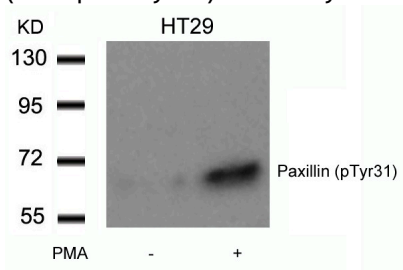
Product Details

Ig Type:	IgG
Reactivity:	Human
Conjugation:	Unconjugated
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

Applications

Verified Activity:

1. Western blot analysis of extracts from HT29 cells untreated or treated with PMA using Paxillin (Phospho-Tyr31) Antibody TMAC-03087.



Application: WB

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Peptide sequence around phosphorylation site of tyrosine 31 (T-P-Y(p)-S-Y) derived from Human Paxillin
Antigen Species:	human
Uniprot ID:	P49023
Synonyms:	PXN (p-Tyr31);p-PXN (Tyr31);p-PXN (Y31);PXN (p-Y31)

Research Background

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

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