

Datasheet for ABIN7138974

anti-Paxillin antibody (pTyr31)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	Paxillin (PXN)
Binding Specificity:	pTyr31
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Paxillin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Peptide sequence around phosphorylation site of tyrosine 31 (T-P-Y(p)-S-Y) derived from Human Paxillin.
Isotype:	IgG
Cross-Reactivity:	Human
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

Target Details

Target:	Paxillin (PXN)
Alternative Name:	PXN (PXN Products)

Target Details

Background:	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 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. Aliases: FLJ16691 antibody, FLJ23042 antibody, Paired box protein Pax 1 antibody, PAX 1 antibody, PAX1 antibody, PAXI_HUMAN antibody, Paxillin alpha antibody, Paxillin antibody, PXN antibody, PXN protein antibody
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UniProt:	P49023
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Pathways:	MAPK Signaling , EGFR Signaling Pathway , Response to Growth Hormone Stimulus , Cell-Cell Junction Organization , Maintenance of Protein Location , CXCR4-mediated Signaling Events , Signaling Events mediated by VEGFR1 and VEGFR2 , Signaling of Hepatocyte Growth Factor Receptor , VEGF Signaling
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Application Details

Application Notes:	WB:1:500-1:1000,
Restrictions:	For Research Use only

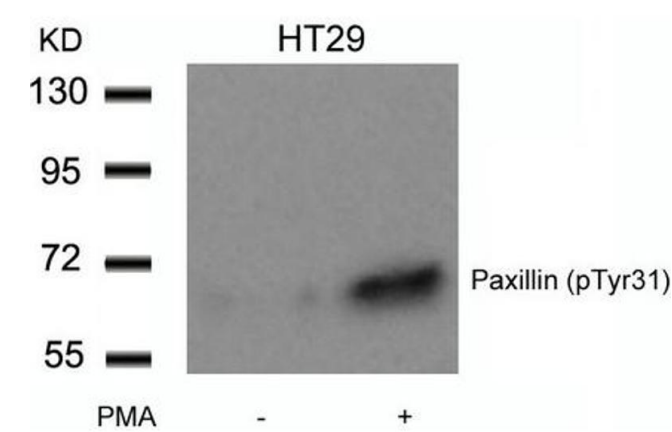
Handling

Format:	Liquid
Buffer:	Supplied at 1.0 mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Western Blotting

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