# Paxillin(phospho-Tyr88) Antibody

Catalog No: #11538

Package Size: #11538-1 50ul #11538-2 100ul #11538-4 25ul

## Overview

| | |
|---|---|
| Product Name | Paxillin(phospho-Tyr88) Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Applications | WB IF |
| Species Reactivity | Hu |
| Immunogen Type | Peptide-KLH |
| Target Name | Paxillin |
| Modification | Phospho-Tyr88 |
| Alternative Names | PAXI; PXN; |

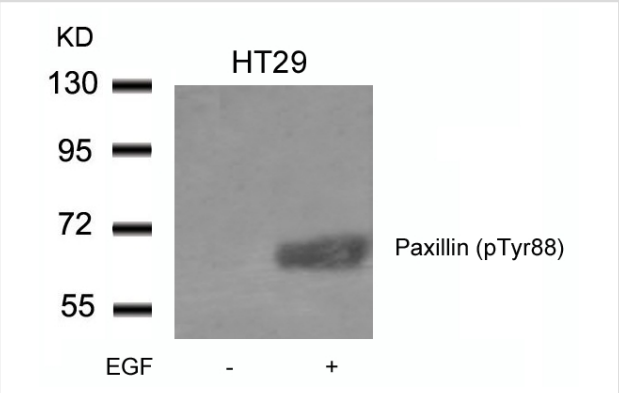
## Application Details

Predicted MW: 68kd

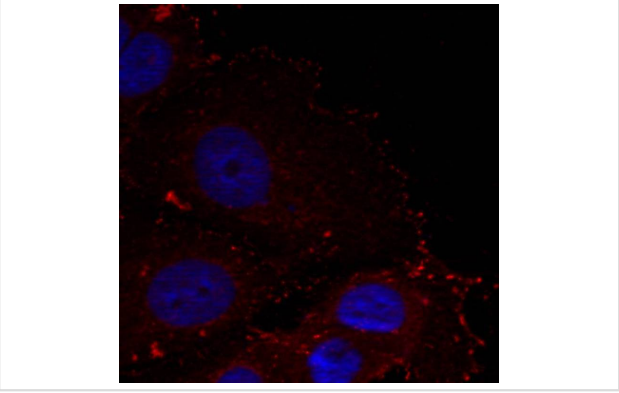
Western blotting: 1:500~1:1000

Immunofluorescence: 1:100~1:200

## Images




Western blot analysis of extracts from HT29 cells untreated or treated with EGF using Paxillin(phospho-Tyr88) Antibody #11538.



Immunofluorescence staining of methanol-fixed Hela cells using Paxillin(phospho-Tyr88) Antibody #11538.

## Descriptions

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|---|---|
| Immunogen | Peptide sequence around phosphorylation site of tyrosine 88 (P-V-Y(p)-G-S) derived from Human Paxillin. |
| Specificity | The antibody detects endogenous level of Paxillin only when phosphorylated at tyrosine 88. |
| Purifiction | 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 chromatogramphy using non-phosphopeptide. |
| Formulation | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Storage | Store at -20°C for long term preservation (recommended). Store at 4°C for short term use. |
| Accession NO. | Swiss-Prot: P49023NCBI Protein: NP_001074324.1 |

## Related Information

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

Turner, C.E. (2000) J. Cell Sci. 113, 4139-4140
Burridge, K. et al. (1992) J. Cell Biol. 119, 893-903.
Bellis, S. L. et al. (1997) Biochem. J. 325, 375-381.