

Paxillin(Phospho-Tyr118) Antibody

Catalog No: #11089



Package Size: #11089-1 50ul #11089-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	Paxillin(Phospho-Tyr118) Antibody
Host Species	Rabbit
Clonality	Polyclonal
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	WB IHC
Species Reactivity	Human;Mouse;Rat
Specificity	The antibody detects endogenous level of Paxillin only when phosphorylated at tyrosine 118.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 118 (H-V-Y(p)-S-F) derived from Human Paxillin.
Conjugates	Unconjugated
Target Name	Paxillin
Modification	Phospho
Other Names	PAXI; PXN;
Accession No.	Swiss-Prot: P49023NCBI Protein: NP_001074324.1
Concentration	1.0mg/ml
Formulation	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	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

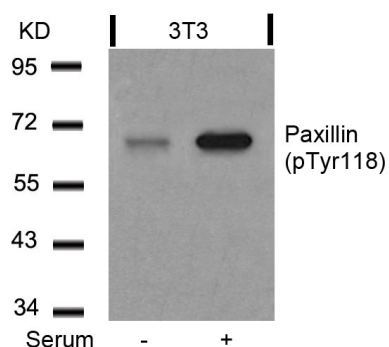
Application Details

Predicted MW: 68kd

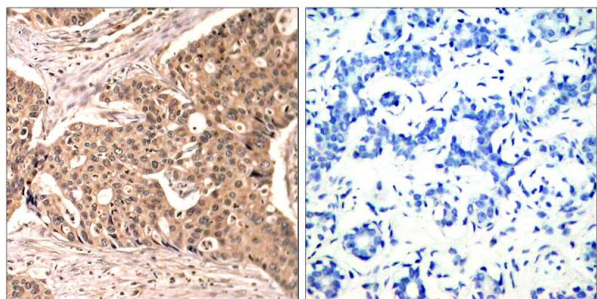
Western blotting: 1:500~1:1000

Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from 3T3 cells untreated or treated with serum using Paxillin(Phospho-Tyr118) Antibody #11089.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Paxillin(Phospho-Tyr118) Antibody #11089(left) or the same antibody preincubated with blocking peptide(right).

Background

Cytoskeletal protein involved in actin-membrane attachment at sites of cell adhesion to the extracellular matrix (focal adhesion).

Tao WA, et al.(2005)Nat Methods.2(8): 591-598.

Zhang Y, et al.(2005) Mol Cell Proteomics.4(9): 1240-1250.

Sanders MA, et al.(2005)J Biol Chem.280(25): 23516-23522.

Rush J, et al.(2004) Nat Biotechnol. 23(1): 94-101.

Published Papers

el at., Discovery of a novel inhibitor of the protein tyrosine phosphatase Shp2.In Sci Rep on 2015 Dec 2 by Chuan Chen , Mengmeng Cao et al..PMID: 26626996 , , (2015)

[PMID:26626996](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.