

Paxillin(Ab-31) Antibody

Catalog No: #21199



Package Size: #21199-1 50ul #21199-2 100ul #21199-4 25ul

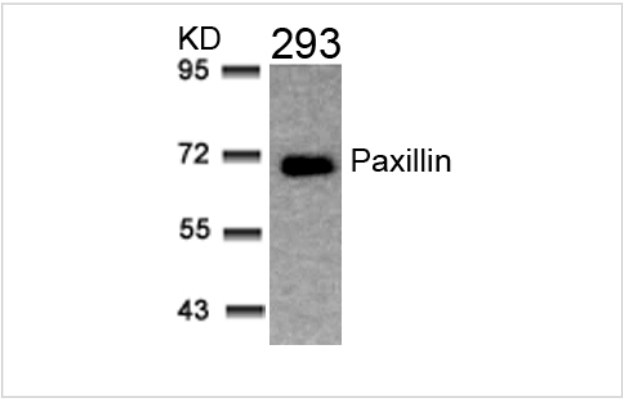
Overview

Product Name	Paxillin(Ab-31) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB IHC
Species Reactivity	Human
Immunogen Type	Peptide-KLH
Target Name	Paxillin
Alternative Names	PAXI; PXN;

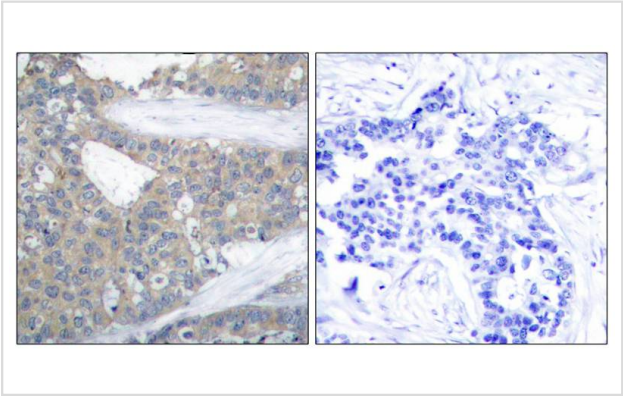
Application Details

Predicted MW: 68kd
Western blotting: 1:500~1:1000
Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from 293 cells using Paxillin(Ab-31) Antibody #21199.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Paxillin(Ab-31) Antibody #21199(left) or the same antibody preincubated with blocking peptide(right).

## Descriptions

Immunogen	Peptide sequence around aa.29~33 (T-P-Y-S-Y) derived from Human Paxillin.
Specificity	The antibody detects endogenous level of total Paxillin protein.
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), 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

Davidson D, et al. (2001) EMBO J; 20(13): 3414-3426

Kook S, et al. (2000) Mol Biol Cell; 11(3): 929-939

Fleming I, et al. (1999) Proc Natl Acad Sci U S A; 96(3): 1123-1128

Goldberg MB, et al. (2001) Microbiol Mol Biol Rev; 65(4): 595-626

Thomas JT, et al. (1999) Proc Natl Acad Sci U S A; 96(15): 8449-8454

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