

Product Name: Paxillin Rabbit Polyclonal Antibody**Catalog #: APRab15801**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:5000-1:20000
Molecular Weight	65kDa

Antigen Information

Gene Name	PXN
Alternative Names	PXN; Paxillin
Gene ID	5829.0
SwissProt ID	P49023
Immunogen	The antiserum was produced against synthesized peptide derived from human Paxillin. AA range:144-193

Background

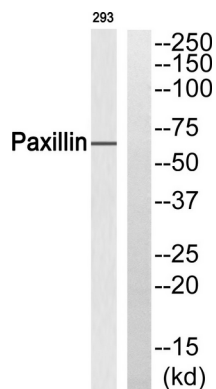
This gene encodes a cytoskeletal protein involved in actin-membrane attachment at sites of cell adhesion to the extracellular

matrix (focal adhesion). Alternatively spliced transcript variants encoding different isoforms have been described for this gene. These isoforms exhibit different expression pattern, and have different biochemical, as well as physiological properties (PMID:9054445). [provided by RefSeq, Aug 2011],function:Cytoskeletal protein involved in actin-membrane attachment at sites of cell adhesion to the extracellular matrix (focal adhesion),.PTM:Phosphorylated on tyrosine residues during integrin-mediated cell adhesion, embryonic development, fibroblast transformation and following stimulation of cells by mitogens.,similarity:Belongs to the paxillin family.,similarity:Contains 3 LIM zinc-binding domains.,similarity:Contains 4 LIM zinc-binding domains.,subunit:Binds in vitro to vinculin as well as to the SH3 domain of c-SRC and, when tyrosine phosphorylated, to the SH2 domain of V-CRK. Isoform beta binds to focal adhesion kinase but weakly to vinculin. Isoform gamma binds to vinculin but only weakly to focal adhesion kinase. Interacts with GIT1, NUDT16L1/SDOS, PARVA and TGFBI1. Component of cytoplasmic complexes, which also contain GIT1, ARHGEF6 and PAK1 (By similarity). Binds ASAP2. Interacts with unphosphorylated ITGA4. Interacts with RNF5.,

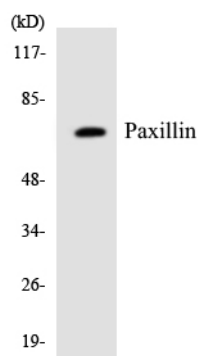
Research Area

Chemokine;VEGF;Focal adhesion;Leukocyte transendothelial migration;Regulates Actin and Cytoskeleton;

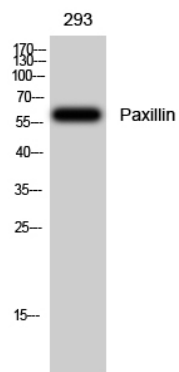
Image Data



Western blot analysis of Paxillin Antibody. The lane on the right is blocked with the Paxillin peptide.



Western blot analysis of the lysates from RAW264.7 cells using Paxillin antibody.



Western Blot analysis of 293 cells using Paxillin Polyclonal Antibody