

# Phospho Paxillin (S178) Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP\_002850.1

Catalog No. A300-100A-T GeneID 5829

Lot No. A300-100A-T-1

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<b>APPLICATIONS</b>	WB
<b>SPECIES REACTIVITY</b>	Mouse
<b>PRESUMED REACTIVITY</b>	Based on 100% sequence identity, this antibody is predicted to react with Human and Rat
<b>AMOUNT</b>	10 µl
<b>CONCENTRATION</b>	1000 µg/ml
<b>STORAGE/SHELF LIFE</b>	2 – 8°C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
<b>ISOTYPE</b>	IgG
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	Antibody was affinity purified using a phospho epitope specific to serine 178 of Paxillin immobilized on solid support.

The epitope recognized by A300-100A-T maps surrounding serine 178 of human Paxillin using the numbering given in entry NP\_002850.1 (GeneID 5829).

Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.

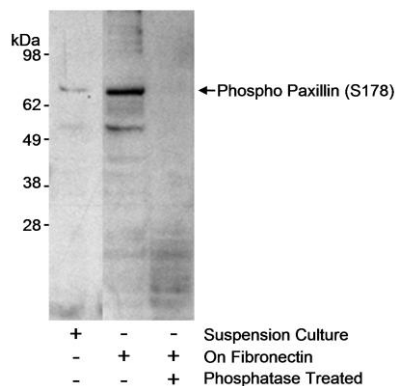
**APPLICATIONS** Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot 1:1,000 – 1: 5,000

**ADDITIONAL INFO** <https://www.bethyl.com/product/A300-100A-T>

Use the link above to view SDS, a current list of citations, and other product specific information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.  
Michael Spencer, PhD Date: June 6, 2022



**Detection of mouse phospho Paxillin (Ser178) by western blot.** *Samples:* Whole cell lysate (approximately  $2.4 \times 10^5$  cells/lane) from NIH 3T3 cells that were serum starved for 16 hours and then grown in suspension culture or plated on fibronectin (50  $\mu\text{g}/\text{ml}$ ). Whole cell lysate from cells grown on fibronectin was untreated or treated with lambda phosphatase. *Antibody:* Affinity purified rabbit anti-phospho Paxillin (Ser178) antibody A300-100A used for WB at 1  $\mu\text{g}/\text{ml}$ . *Detection:* Chemiluminescence with an exposure time of 30 seconds.