

Paxillin Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID P49023

Catalog No. A300-444A

GeneID 5829

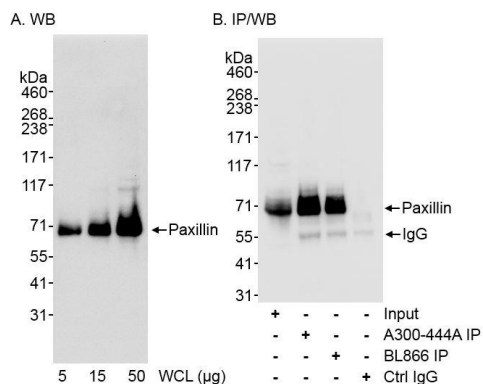
Lot No. A300-444A-1



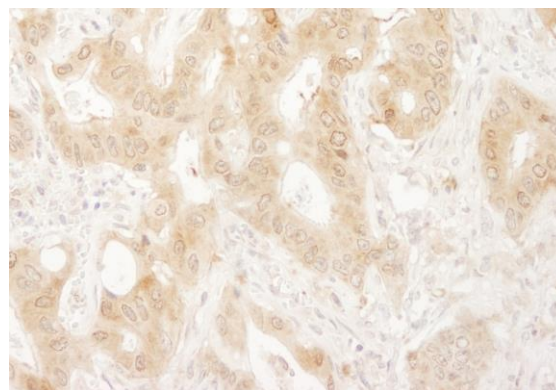
APPLICATIONS	WB, IP, IHC						
SPECIES REACTIVITY	Human						
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Orangutan						
AMOUNT	100 µl						
CONCENTRATION	200 µg/ml						
STORAGE/SHELF LIFE	2 – 8° C / 1 year from date of receipt						
PHYSICAL STATE	Liquid						
BUFFER	Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide						
ISOTYPE	IgG						
ORIGIN	USA						
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to Paxillin immobilized on solid support. The epitope recognized by A300-444A maps to a region between residues 1 and 50 of human Paxillin using the numbering given in Swiss-Prot entry P49023 (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. <table><tr><td>Western Blot</td><td>1:5,000 – 1:20,000</td></tr><tr><td>Immunoprecipitation</td><td>1 – 5 µg/mg lysate</td></tr><tr><td>Immunohistochemistry</td><td>1:100 – 1:500. Epitope retrieval with Tris-EDTA pH 9.0 is recommended for FFPE tissue sections.</td></tr></table>	Western Blot	1:5,000 – 1:20,000	Immunoprecipitation	1 – 5 µg/mg lysate	Immunohistochemistry	1:100 – 1:500. Epitope retrieval with Tris-EDTA pH 9.0 is recommended for FFPE tissue sections.
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APPLICATION NOTES	Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-20% SDS-PAGE (link to IP-western blot protocol in Additional Info section below). Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.						
IHC HUMAN CONTROLS	Breast Carcinoma, Non-Small Cell Lung Cancer						
ADDITIONAL INFO	https://www.bethyl.com/product/A300-444A Use the link above to view SDS, a current list of citations, and other product specific information. IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB						

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Eric McIntush, PhD | Chief Scientific Officer

Date: June 21, 2019



Detection of human Paxillin by western blot and immunoprecipitation. *Samples:* Whole cell lysate (5, 15 and 50 μg for WB; 1 mg for IP) from HeLa cells. *Antibodies:* Affinity purified rabbit anti-Paxillin antibody A300-444A (lot A300-444A-1) used at 0.04 μg/ml for WB (A and B) and at 3 μg/mg lysate for IP (B). Paxillin was also immunoprecipitated with rabbit anti-Paxillin antibody BL866 using 3 μg/mg lysate. immunoprecipitation reactions were controlled using normal rabbit IgG (Ctrl IgG). *Detection:* Chemiluminescence with exposure times of 10 seconds.



Detection of human Paxillin by immunohistochemistry. *Sample:* FFPE section of human non-small cell lung cancer. *Antibody:* Affinity purified rabbit anti-Paxillin (Cat. No. A300-444A Lot1) used at a dilution of 1:200 (1 μg/ml). *Detection:* DAB