

FBW7 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_361014.1

Catalog No. A301-721A

GeneID 55294

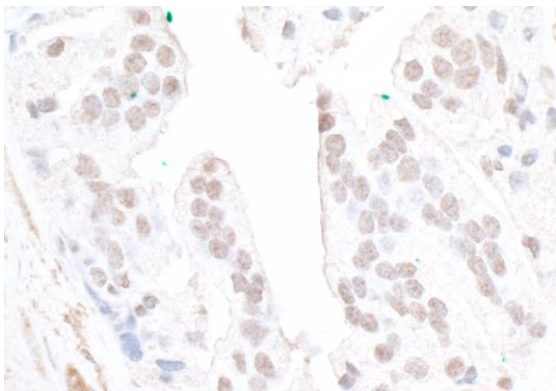
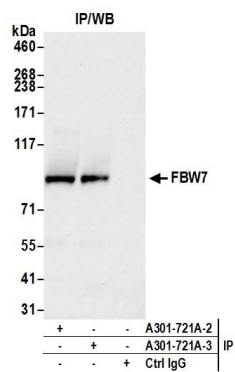
Lot No. A301-721A-3



APPLICATIONS	IP, IHC						
SPECIES REACTIVITY	Human						
AMOUNT	100 µl						
CONCENTRATION	1000 µg/ml						
STORAGE/SHELF LIFE	2 – 8° C / 1 year from date of receipt						
PHYSICAL STATE	Liquid						
BUFFER	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide						
ISOTYPE	IgG						
ORIGIN	USA						
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to FBW7 immobilized on solid support. The epitope recognized by A301-721A maps to a region between residue 50 and 100 of human F-box and WD-40 domain protein 7 using the numbering given in entry NP_361014.1 (GeneID 55294). 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>Not recommended</td></tr><tr><td>Immunoprecipitation</td><td>2 – 10 µg/mg lysate</td></tr><tr><td>Immunohistochemistry</td><td>1:1,000 to 1:5,000. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.</td></tr></table>	Western Blot	Not recommended	Immunoprecipitation	2 – 10 µg/mg lysate	Immunohistochemistry	1:1,000 to 1:5,000. Epitope retrieval with citrate buffer pH6.0 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 4-8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).						
IHC HUMAN CONTROLS	Breast Carcinoma, Glioblastoma, Prostate Carcinoma, Skin Basal Cell Carcinoma						
ADDITIONAL INFO	https://www.bethyl.com/product/A301-721A 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 FBW7 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified Rabbit anti-FBW7 antibody A301-721A (lot A301-721A-3) used for IP at 6 µg per reaction. FBW7 was also immunoprecipitated by a previous lot of this antibody (lot A301-721A-2). For blotting immunoprecipitated FBW7, A301-721A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time time of 10 seconds.

Detection of human FBW7 by immunohistochemistry. *Sample:* FFPE sections of human prostate carcinoma. *Antibody:* Affinity purified rabbit anti-FBW7 (Cat. No. A301-721A lot 3) used at 1:5,000 (0.2µg/ml). *Detection:* DAB.