

# FKBP4/FKBP52 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP\_002005.1

Catalog No. A301-426A

GeneID 2288

Lot No. A301-426A-1



<b>APPLICATIONS</b>	WB, IHC
<b>SPECIES REACTIVITY</b>	Human, Mouse
<b>PRESUMED REACTIVITY</b>	Based on 100% sequence identity, this antibody is predicted to react with Rat, Bovine and Rabbit
<b>AMOUNT</b>	100 µl
<b>CONCENTRATION</b>	200 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-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
<b>ISOTYPE</b>	IgG
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	Antibody was affinity purified using an epitope specific to FKBP4/FKBP52 immobilized on solid support.

The epitope recognized by A301-426A maps to a region between residue 1 and 50 of human FK506 binding protein 4 using the numbering given in entry NP\_002005.1 (GeneID 2288).

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 1:2,000 – 1:10,000

Immunoprecipitation Not recommended. Use rabbit anti-FKBP4/FKBP52 antibody A301-427A.

Immunohistochemistry 1:200 – 1:1,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

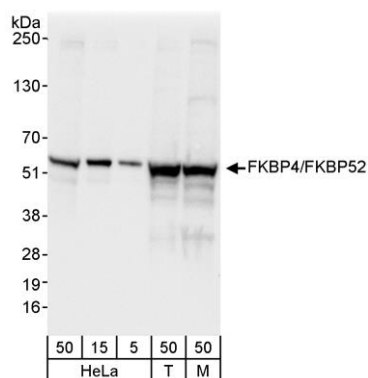
**APPLICATION NOTES** Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.

**IHC HUMAN CONTROLS** Breast Carcinoma, Prostate Carcinoma

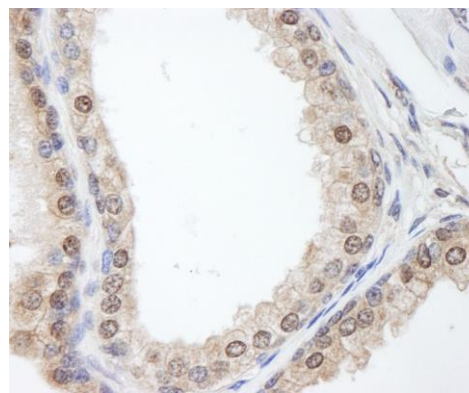
**ADDITIONAL INFO** <https://www.bethyl.com/product/A301-426A>

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.  
Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019



**Detection of human and mouse FKBP4/FKBP52 by western blot.** *Samples:* Whole cell lysate from HeLa (5, 15 and 50 µg), HEK293T (T; 50 µg), and mouse NIH 3T3 (M; 50 µg) cells. *Antibody:* Affinity purified rabbit anti-FKBP4/FKBP52 antibody A301-426A used for WB at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 1 second.



**Detection of human FKBP4/FKBP52 by immunohistochemistry.** *Sample:* FFPE section of human prostate carcinoma. *Antibody:* Affinity purified rabbit anti-FKBP4/FKBP52 (Cat. No. A301-426A) used at a dilution of 1:1,000 (0.2µg/ml). *Detection:* DAB