## FKBP5/FKBP51 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP\_004108.1

Catalog No. A301-429A GeneID 2289

Lot No. A301-429A-1

APPLICATIONS IP

SPECIES REACTIVITY Human

**PRESUMED REACTIVITY** Based on 100% sequence identity, this antibody is predicted to react with Orangutan

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**Antibody was affinity purified using an epitope specific to FKBP5/FKBP51 immobilized on solid

**PROCEDURES** support.

The epitope recognized by A301-429A maps to a region between residue 225 and 275 of human

FK506 binding protein 5 (51 kDa FK506-binding protein) using the numbering given in entry

NP\_004108.1 (GeneID 2289).

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 Not recommended. Use rabbit anti-FKBP5/FKBP51 antibody A301-

430A.

Immunoprecipitation 2 – 5 µg/mg lysate

**APPLICATION NOTES** Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. \$100–020),

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).

ADDITIONAL INFO https://www.bethyl.com/product/A301-429A

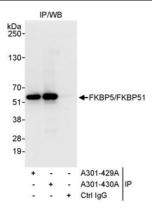
Use the link above to view SDS, a current list of citations, and other product specific information.

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 FKBP5/FKBP51 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. *Antibodies:* Affinity purified rabbit anti-FKBP5/FKBP51 antibody A301-429A used for IP at 3 μg/mg lysate. FKBP5/FKBP51 was also immunoprecipitated by rabbit anti-FKBP5/FKBP51 antibody A301-430A, which recognizes a downstream epitope. For blotting immunoprecipitated FKBP5/FKBP51, A301-430A was used at 1 μg/ml. *Detection:* Chemiluminescence with an exposure time of 3 seconds.