

Polycystin-2 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_000288.1

Catalog No. A302-470A

GeneID 5311

Lot No. A302-470A-2



APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human, Mouse
ISOTYPE	IgG
AMOUNT	100 µl at 1 mg/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
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to Polycystin-2 immobilized on solid support.

The epitope recognized by A302-470A maps to a region between residue 918 and 968 of human polycystin-2 using the numbering given in entry NP_000288.1 (GeneID 5311).

Antibody 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 to 1:5,000

Immunoprecipitation 2 to 10 µg/mg lysate

APPLICATION NOTES Western blot of immunoprecipitates performed using ReliaBLOT® Reagents (Cat. No. WB120) and 4-8% SDS-PAGE.

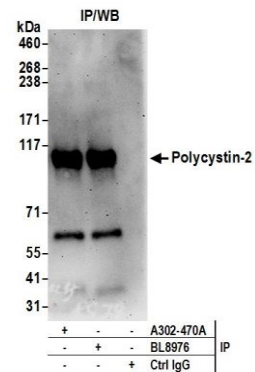
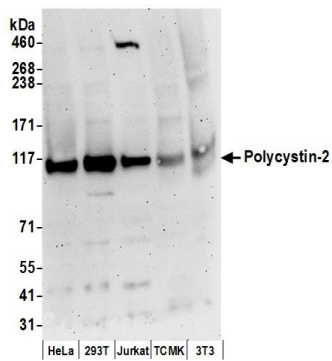
Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.

IHC HUMAN CONTROLS Testicular Seminoma

ADDITIONAL INFO <http://www.bethyl.com/product/A302-470A>

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

Polycystin-2 Antib A302-470A



Detection of Human and Mouse Polycystin-2 by Western Blot. *Samples:* Whole cell lysate (50 µg) from HeLa, 293T, Jurkat, mouse TCMK-1, and mouse NIH3T3 cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-Polycystin-2 antibody A302-470A (lot A302-470A-2) used for WB at 0.4 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.

Detection of Human Polycystin-2 by Western Blot of Immunoprecipitates. *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-Polycystin-2 antibody A302-470A (lot A302-470A-2) used for IP at 6 µg per reaction. Polycystin-2 was also immunoprecipitated by rabbit anti-Polycystin-2 antibody BL8976. For blotting immunoprecipitated Polycystin-2, A302-470A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.