FHL2 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No. A300-333A

Lot No. A300-333A-4

Protein ID NP_963849.1

GeneID 2274

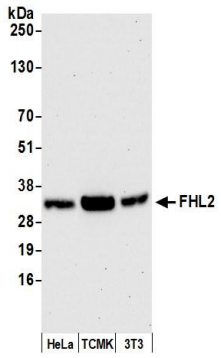
APPLICATIONS	WB, IP, IHC
SPECIES REACTIVITY	Human, Mouse
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Rat and Bovine
AMOUNT	100 µl
CONCENTRATION	1000 µg/ml
STORAGE/SHELF LIFE	2 - 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-citrate/phosphate 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 FHL2 immobilized on solid support. The epitope recognized by A300-333A maps to a region between residue 225 and the C-terminus (residue 279) of human Four and a Half LIM domains 2 using the numbering given in entry NP_963849.1 (GeneID 2274). 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	2 - 5 µg/mg lysate
Immunohistochemistry	1:1,000 to 1:5,000. Epitope retrieval with Tris-EDTA pH9.0 is recommended for FFPE tissue sections.

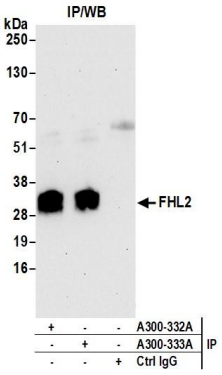
APPLICATION NOTES	Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-20% SDS-PAGE (link to IP-western blot protocol in Additional Info section below). Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.
IHC HUMAN CONTROLS	Breast Carcinoma, Ovarian Carcinoma, Prostate Carcinoma
ADDITIONAL INFO	https://www.bethyl.com/product/A300-333A 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.

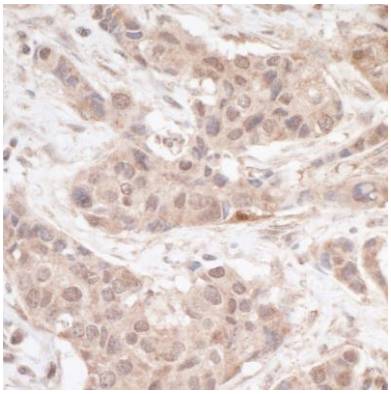
Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019



Detection of human and mouse FHL2 by western blot. *Samples:* Whole cell lysate (50 µg) from HeLa, TCMK-1, and NIH 3T3 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-FHL2 antibody A300-333A (lot A300-333A-4) used for WB at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



Detection of human FHL2 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-FHL2 antibody A300-333A (lot A300-333A-4) used for IP at 3 µg per reaction. FHL2 was also immunoprecipitated by rabbit anti-FHL2 antibody A300-332A. For blotting immunoprecipitated FHL2, A300-333A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



Detection of human FHL2 by immunohistochemistry. *Sample:* FFPE section of human ovarian carcinoma. *Antibody:* Affinity purified rabbit anti-FHL2 (Cat. No. A300-333A Lot 4) used at a dilution of 1:2000 (0.5µg/ml). *Detection:* DAB