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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PLRG1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_002660.1

Catalog No. A301-940A

GeneID 5356

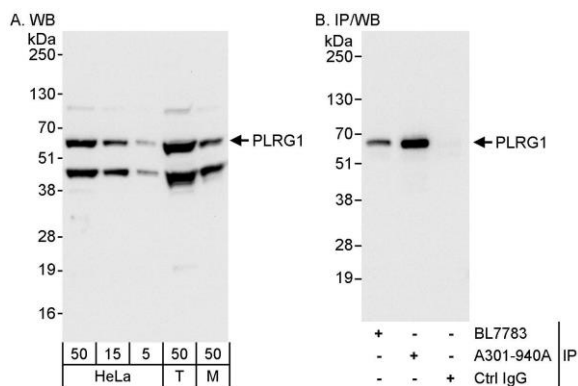
Lot No. A301-940A-1



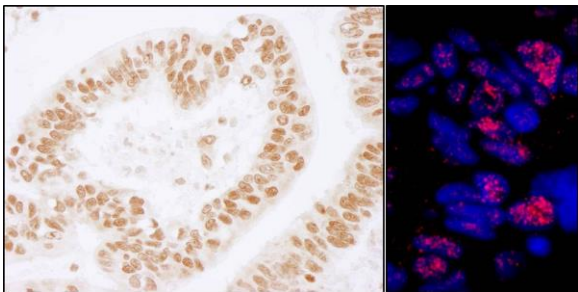
APPLICATIONS	WB, IP, IHC, IHC-IF								
SPECIES REACTIVITY	Human, Mouse								
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Rat and Bovine								
AMOUNT	100 µl								
CONCENTRATION	200 µg/ml								
STORAGE/SHELF LIFE	2 – 8° C / 1 year from date of receipt								
PHYSICAL STATE	Liquid								
BUFFER	Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide								
ISOTYPE	IgG								
ORIGIN	USA								
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to PLRG1 immobilized on solid support. The epitope recognized by A301-940A maps to a region between residue 464 and 514 of human pleiotropic regulator 1 using the numbering given in entry NP_002660.1 (GeneID 5356). 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>1:2,000 – 1:10,000</td></tr><tr><td>Immunoprecipitation</td><td>2 – 5 µg/mg lysate</td></tr><tr><td>Immunohistochemistry</td><td>1:200 – 1:1,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.</td></tr><tr><td>Immunofluorescence (IHC)</td><td>1:100 – 1:500</td></tr></table>	Western Blot	1:2,000 – 1:10,000	Immunoprecipitation	2 – 5 µg/mg lysate	Immunohistochemistry	1:200 – 1:1,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.	Immunofluorescence (IHC)	1:100 – 1:500
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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 4-20% 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, Colon Carcinoma, Ovarian Carcinoma, Prostate Carcinoma								
IHC MOUSE CONTROLS	Renal Cell Carcinoma, Squamous Cell Carcinoma, Teratoma								
ADDITIONAL INFO	https://www.bethyl.com/product/A301-940A 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 PLRG1 by western blot (h&m) and immunoprecipitation (h). *Samples:* Whole cell lysate from HeLa (5, 15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 µg), and mouse NIH 3T3 (M; 50 µg) cells. *Antibodies:* Affinity purified rabbit anti-PLRG1 antibody A301-940A used for WB at 0.04 µg/ml (A) and 0.4 µg/ml (B) and used for IP at 3 µg/mg lysate. PLRG1 was also immunoprecipitated by rabbit anti-PLRG1 antibody BL7783, which recognizes an upstream epitope. *Detection:* Chemiluminescence with exposure times of 3 seconds (A and B).



Detection of human PLRG1 by immunohistochemistry. *Sample:* FFPE sections of human prostate carcinoma (left) and breast carcinoma (right). *Antibody:* Affinity purified rabbit anti- PLRG1 (Cat. No. A301-940A Lot1) used at a dilution of 1:200 (1 µg/ml). *Detection:* DAB and Red-fluorescent goat anti-rabbit IgG-heavy and light chain, cross-adsorbed Antibody DyLight® 594 Conjugated used at a dilution of 1:100