

PLRG1 IHC Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_002660.1

Catalog No. IHC-00404

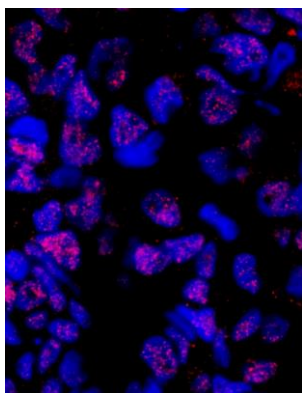
GeneID 5356

Lot No. IHC-00404-1



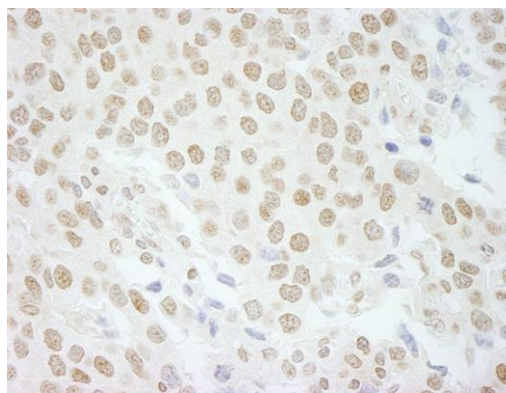
APPLICATIONS	IHC, IHC-IF
SPECIES REACTIVITY	Human, Mouse
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Rat, X. laevis, X. tropicalis, Bovine, Dog, Horse, Rabbit, Guinea pig_10141, Pig, Panda, Orangutan, Monkey and Gorilla
AMOUNT	100 µl
CONCENTRATION	100 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	<p>Antibody was affinity purified using an epitope specific to PLRG1 immobilized on solid support.</p> <p>The epitope recognized by IHC-00404 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).</p> <p>Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.</p>
APPLICATIONS	<p>Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.</p> <p>Immunohistochemistry 1:100 – 1:500</p> <p>Immunofluorescence 1:50 – 1:500 (IHC)</p>
APPLICATION NOTES	<p>Epitope exposure is recommended.</p> <p>Epitope exposure with citrate or tris-EDTA pH9.0 buffer will enhance staining.</p> <p>Likely to work with frozen sections.</p> <p>In some cases, the antibody may be diluted further than indicated.</p>
IHC HUMAN CONTROLS	Anaplastic Thyroid Carcinoma, Breast Carcinoma, Colon Carcinoma, Linitis Plastica Stomach Cancer, Ovarian Carcinoma, Pancreatic Islet Cell Tumor, Prostate Carcinoma, Small Cell Lung Cancer, Stomach Adenocarcinoma, Testicular Seminoma
IHC MOUSE CONTROLS	Renal Cell Carcinoma, Squamous Cell Carcinoma, Teratoma
ADDITIONAL INFO	<p>https://www.bethyl.com/product/IHC-00404</p> <p>Use the link above to view SDS, a current list of citations, and other product specific information.</p>

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 PLRG1 by immunohistochemistry.**

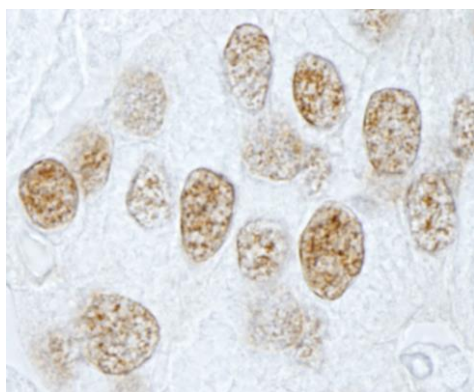
Sample: FFPE section of human breast carcinoma.

Antibody: Affinity purified rabbit anti-PLRG1 (Cat. No. IHC-00404) used at a dilution of 1:100. *Detection:* Red-fluorescent goat anti-rabbit IgG highly cross-adsorbed Antibody Hilyte Plus™ 555 used at a dilution of 1:100.

**Detection of human PLRG1 by immunohistochemistry.**

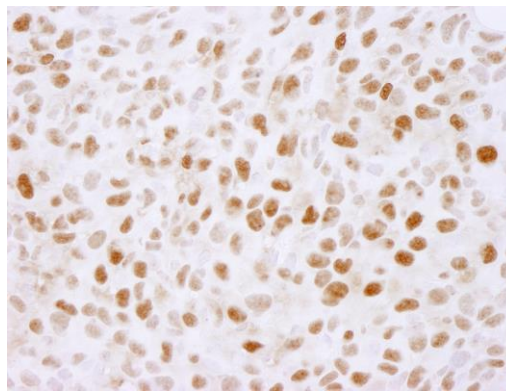
Sample: FFPE section of human breast carcinoma.

Antibody: Affinity purified rabbit anti-PLRG1 (Cat. No. IHC-00404) used at a dilution of 1:500. *Detection:* DAB

**Detection of human PLRG1 by immunohistochemistry.**

Sample: FFPE section of human prostate carcinoma.

Antibody: Affinity purified rabbit anti-PLRG1 (Cat. No. IHC-00404) used at a dilution of 1:100. *Detection:* DAB

**Detection of mouse PLRG1 by immunohistochemistry.**

Sample: FFPE section of mouse squamous cell carcinoma.

Antibody: Affinity purified rabbit anti-PLRG1 (Cat. No. IHC-00404) used at a dilution of 1:100. *Detection:* DAB