## **PHLPP IHC Antibody**

Rabbit Polyclonal Antigen Affinity Purified Catalog No. IHC-00382

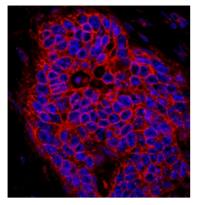
Protein ID NP\_919431.1 Gene ID 23239



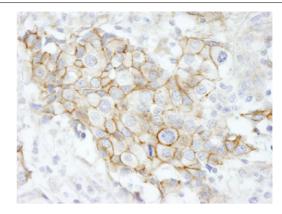
APPLICATIONS	IHC-P, IF
REACTIVITY TESTED	Human. Other species have not been tested.
ISOTYPE	lgG
AMOUNT	0.1 ml
STORAGE/SHELF LIFE	2 - 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-buffered Saline containing 0.1% BSA containing 0.09% Sodium Azide
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to PHLPP immobilized on solid support.
	The epitope recognized by IHC-00382 maps to a region between residue 1150 and the C-terminus (residue 1205) of human PH Domain and Leucine Rich Repeat Protein Phosphatase using the numbering given in entry NP_919431.1 (GeneID 23239).
	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.
	Immunohistochemistry 1:100 - 1:500
	Immunofluorescence 1:50 - 1:500
APPLICATION NOTES	Epitope exposure is recommended.
	Epitope exposure with citrate buffer will enhance staining.
	Likely to work with frozen sections.
	In some cases, the antibody may be diluted further than indicated.
IHC HUMAN CONTROLS	Anaplastic Thyroid Carcinoma, Breast Carcinoma, Ovarian Carcinoma, Prostate Carcinoma

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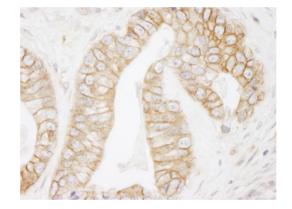
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**Detection of Human PHLPP by Immunohistochemistry.** Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-PHLPP (Cat. No. IHC-00382) used at a dilution of 1:100. Detection: Red-fluorescent goat anti-rabbit IgG highly cross-adsorbed Antibody Hilyte  $Plus^{TM}$  555 (A120-501E) used at a dilution of 1:100.



**Detection of Human PHLPP by Immunohistochemistry.** *Sample:* FFPE section of human breast carcinoma. *Antibody:* Affinity purified rabbit anti-PHLPP (Cat. No. IHC-00382) used at a dilution of 1:250. *Detection:* DAB staining using Immunohistochemistry Accessory Kit (Cat. No. IHC-101).



**Detection of Human PHLPP by Immunohistochemistry.** *Sample:* FFPE section of human prostate carcinoma. *Antibody:* Affinity purified rabbit anti-PHLPP (Cat. No. IHC-00382) used at a dilution of 1:250. *Detection:* DAB staining using Immunohistochemistry Accessory Kit (Cat. No. IHC-101).

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## **MATERIAL SAFETY DATA SHEET**

**CONTENTS** This product contains Rabbit immunoglobulin G (IgG) protein in Tris-buffered Saline containing 0.1% BSA containing 0.09% Sodium Azide.

## INGREDIENT DESCRIPTIONS NON-HAZARDOUS:

Bovine Serum Albumin (BSA) – This product was derived from animals free of infectious or contagious diseases of U.S. Origin. No known toxicity for this biological material.

## **HAZARDOUS:**

Sodium Azide (NaN3): Azide forms explosive chemical compounds with lead and copper plumbing. Care must be taken to wash waste down drains with large volumes of water. LD50 oral mouse 27 mg/kg. Wash all affected areas with large volumes of water and if swallowed consult your physician immediately.

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