

Rabbit anti-Human, Mouse PHLPPL Polyclonal Antibody | anti-PHLPPL antibody

Rabbit anti-PHLPPL Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211078	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

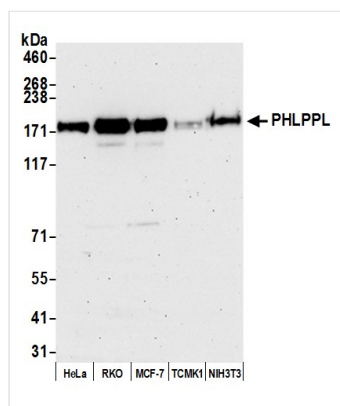
PRODUCT SYNONYMS

PHLPPL; Polyclonal Antibody; Rabbit anti-PHLPPL Antibody; Affinity Purified; PPM3B; protein phosphatase; Mg²⁺/Mn²⁺ dependent 3B; PHLPP-like; PH domain leucine-rich repeat-containing protein phosphatase-like; PH domain leucine-rich repeat-containing protein phosphatase 2; PH domain and leucine rich repeat protein phosphatase 2; anti-PHLPPL antibody

PRODUCT SPECIFICATIONS

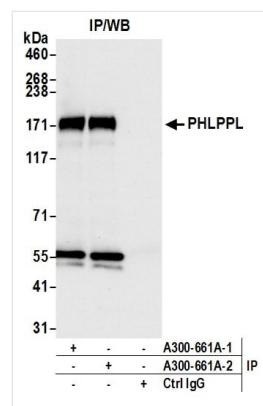
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-PHLPPL antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 1273 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human PHLPPL by western blot. Samples: Whole cell lysate (50 ug) from HeLa, RKO, MCF-7, TCMK-1, and NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified Rabbit anti-PHLPPL antibody AAA211078 (lot AAA211078-2) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.



IP (Immunoprecipitation)

Detection of human PHLPPL 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-PHLPPL antibody AAA211078 (lot AAA211078-2) used for IP at 6 ug per reaction. PHLPPL was also immunoprecipitated by a previous lot of this antibody (lot AAA211078-1). For blotting immunoprecipitated PHLPPL, AAA211078 was used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-PHLPPL antibody	PHLPPL (PH domain leucine-rich repeat-containing protein phosphatase-like) is responsible for the dephosphorylation and subsequent inactivation of Akt. Akt is a signaling protein critical to the balance of cell survival and apoptosis. Dephosphorylation of Akt by PHLPPL has been demonstrated to trigger apoptosis and suppress tumor cell growth. PHLPPL is also known as PHLPPL2 and functions similarly to its relative, PHLPP1. Recent studies show that PHLPPL and PHLPP selectively terminate Akt-signaling by targeting specific Akt isoforms.
Product Categories/Family for anti-PHLPPL antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	65301141
NCBI GeneID	23035
NCBI Accession #	NP_055835.2
NCBI GenBank Nucleotide #	NM_015020.2
UniProt Accession #	Q6ZVD8; Q9NV17; Q9Y2E3; A1L374
Molecular Weight	146,751 Da
NCBI Official Full Name	PH domain leucine-rich repeat-containing protein phosphatase 2
NCBI Official Synonym Full Names	PH domain and leucine rich repeat protein phosphatase 2
NCBI Official Symbol	PHLPP2
NCBI Official Synonym Symbols	PHLPPL
NCBI Protein Information	PH domain leucine-rich repeat-containing protein phosphatase 2
UniProt Protein Name	PH domain leucine-rich repeat-containing protein phosphatase 2
UniProt Gene Name	PHLPP2
UniProt Synonym Gene Names	KIAA0931; PHLPPL; PHLPP-like
UniProt Entry Name	PHLP2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/phlppl-antibody-immunoprecipitation-western-blot-elisa/211078>