

Rabbit PDCL3 Polyclonal Antibody | anti-PDCL3 antibody

PDCL3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40759	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

PDCL3; Polyclonal Antibody; PDCL3 Antibody; VIAF; PHLP3; VIAF1; HTPHLP; PHLP2A; PhLP2A; Phosducin-like protein 3; VIAF-1; phosducin-like 3; anti-PDCL3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	PDCL3 antibody is human, mouse and rat reactive. PDCL3 antibody is predicted to not cross-react with other members of the PDCL protein family.
Purity/Purification	PDCL3 antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	239
Applicable Applications for anti-PDCL3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	PDCL3 antibody was raised against a 14 amino acid peptide near the carboxy terminus of human PDCL3.
Buffer	PDCL3 antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	PDCL3 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

IMAGES



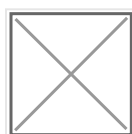
IF (Immunofluorescence)

Immunofluorescence of PDCL3 in mouse liver tissue with PDCL3 antibody at 20 μg/mL.



IHC (Immunohistochemistry)

Immunohistochemistry of PDCL3 in mouse liver tissue with PDCL3 antibody at 5 μg/mL.



WB (Western Blot)

Western blot analysis of PDCL3 in human brain tissue lysate with PDCL3 antibody at 1 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-PDCL3 antibody	Phosducin-like proteins (PhLPs) are a conserved family of proteins with thioredoxin-like domains that were initially identified as modulators of G protein signaling (1,2). PDCL3 is highly homologous to PDCL and shares an N-terminal helix domain and a C-terminal thioredoxin-fold (Trx-fold) domain (3). Along with the related protein PDCL2, PDCL3 interacts with the chaperonin CCT and modulates CCT-mediated actin and tubulin folding (4). Modulation of PDCL3 levels by MAPK phosphorylation and RhoA-dependent changes also promote cytoskeletal remodeling (5).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13129044
NCBI GeneID	79031
NCBI Accession #	NP_076970
NCBI GenBank Nucleotide #	NM_024065.4
UniProt Accession #	Q9H2J4; Q53S68; B2RA00
Molecular Weight	Predicted: 26 kDa Observed: 25 kDa
NCBI Official Full Name	phosducin-like protein 3
NCBI Official Synonym Full Names	phosducin-like 3
NCBI Official Symbol	PDCL3
NCBI Official Synonym Symbols	VIAF; PHLP3; VIAF1; HTPHLP; PHLP2A
NCBI Protein Information	phosducin-like protein 3; phPL3; VIAF-1; IAP-associated factor VIAF1; viral IAP-associated factor 1
UniProt Protein Name	Phosducin-like protein 3
UniProt Gene Name	PDCL3
UniProt Synonym Gene Names	PhLP2A; VIAF1; VIAF-1
UniProt Entry Name	PDCL3_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://stage.aaabiotech.com/polyclonal/pdcl3-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40759>