

PDCL Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AW5123

Specification

PDCL Antibody (N-term) - Product Information

Application WB, IHC-P,E
Primary Accession 013371

Other Accession Q63737, Q9DBX2, Q2HIA9

Reactivity Human

Predicted Bovine, Mouse, Rat

Host Rabbit Clonality Polyclonal

Calculated MW H=34;M=34;Rat=34 KDa

Isotype Rabbit IgG
Antigen Source HUMAN

PDCL Antibody (N-term) - Additional Information

Gene ID 5082

Antigen Region

1-30

Other Names

Phosducin-like protein, PHLP, PDCL, PHLOP1, PhLP1

Dilution

WB~~1:1000 IHC-P~~1:25

Target/Specificity

This PDCL antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human PDCL.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

PDCL Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

PDCL Antibody (N-term) - Protein Information



Name PDCL

Synonyms PHLOP1, PhLP1

Function

Acts as a positive regulator of hedgehog signaling and regulates ciliary function. [Isoform 2]: Acts as a negative regulator of heterotrimeric G proteins assembly by trapping the preloaded G beta subunits inside the CCT chaperonin.

Cellular Location

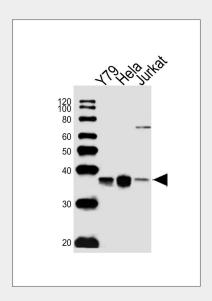
Cell projection, cilium {ECO:0000250|UniProtKB:Q9DBX2}

PDCL Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

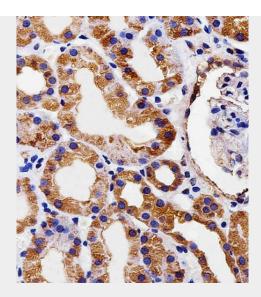
- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PDCL Antibody (N-term) - Images



Western blot analysis of lysates from Y79,Hela,Jurkat cell line (from left to right), using PDCL Antibody (N-term)(Cat. #AW5123). AW5123 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody.Lysates at 20ug per lane.





Immunohistochemical analysis of paraffin-embedded H.kidney section using PDCL Antibody (N-term)(Cat#AW5123). AW5123 was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.

PDCL Antibody (N-term) - Background

Isoform 1: Functions as a co-chaperone for CCT in the assembly of heterotrimeric G protein complexes, facilitates the assembly of both Gbeta-Ggamma and RGS-Gbeta5 heterodimers.

PDCL Antibody (N-term) - References

Lazarov M.E., et al. Submitted (OCT-1997) to the EMBL/GenBank/DDBJ databases. Wiemann S., et al. Genome Res. 11:422-435(2001). Ota T., et al. Nat. Genet. 36:40-45(2004). Humphray S.J., et al. Nature 429:369-374(2004). Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.