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Datasheet for ABIN6992031 **anti-PDCL3 antibody (C-Term)**

Overview

Quantity:	0.1 mg
Target:	PDCL3
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDCL3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	PDCL3 antibody was raised against a 14 amino acid peptide near the carboxy terminus of human PDCL3. The immunogen is located within the last 50 amino acids of PDCL3.
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.
Purification:	PDCL3 antibody is affinity chromatography purified via peptide column.

Target Details

Target:	PDCL3
Alternative Name:	PDCL3 (PDCL3 Products)

Target Details

Background: 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).

Molecular Weight: Predicted: 26 kDa

Observed: 25 kDa

Gene ID: 79031

NCBI Accession: [NP_076970](#)

UniProt: [Q9H2J4](#)

Application Details

Application Notes: PDCL3 antibody can be used for detection of PDCL by Western blot at 1 - 2 µg/mL. Antibody can also be used for Immunohistochemistry at 5 µg/mL. For Immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in human samples, Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: PDCL3 antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Handling

Storage Comment: PDCL3 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.