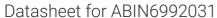
## antibodies .- online.com







## anti-PDCL3 antibody (C-Term)



| Overview |
|----------|
|          |

Target:

Alternative Name:

| 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       |  |
|                      |  |

PDCL3

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 µ,g/mL. Antibody  |
|   | can also be used for Immunohistochemistry at 5 $\mu\text{,g/mL}.$ For Immunoflorescence start at 20 $\mu\text{,}$   |
|   | g/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  |
|   | Liquid 1 mg/mL  |
| Concentration:                                  |   |
| Format:  Concentration:  Buffer:  Preservative: | 1 mg/mL   |
| Concentration: Buffer:                          | 1 mg/mL  PDCL3 antibody is supplied in PBS containing 0.02 % sodium azide.  |
| Concentration:  Buffer:  Preservative:          | 1 mg/mL  PDCL3 antibody is supplied in PBS containing 0.02 % sodium azide.  Sodium azide  |

Storage Comment:

PDCL3 antibody can be stored at  $4^{\circ}\text{C}$  for three months and -20°C, stable for up to one year.