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PDCL Rabbit pAb

Catalog # AP99804

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q13371
Other Accession	Q13371
Reactivity	Human
Predicted	Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34282
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human PDCL
Epitope Specificity	101-200/301
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the phosducin family.
SUBUNIT	Forms a complex with the beta and gamma subunits of the GTP-binding protein, transducin.Interacts with the CCT chaperonin complex.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Phosducin-like protein is a putative modulator of heterotrimeric G proteins. The protein shares extensive amino acid sequence homology with phosducin, a phosphoprotein expressed in retina and pineal gland. Both phosducin-like protein and phosphoducin have been shown to regulate G-protein signaling by binding to the beta-gamma subunits of G proteins. [provided by RefSeq, Jul 2008]

Additional Information

Gene ID	5082
Other Names	PhLP; 1200011E13Rik; PhLP1; Pdcl1; PHLP_HUMAN; PDCL; PHLOP1; PHLP_MOUSE; PHLP_RAT; phosducin like
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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}

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.