Datasheet for ABIN1944777

anti-Phosducin-Like antibody (N-Term)

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Overview

Quantity:	400 µL
Target:	Phosducin-Like (PDCL)
Binding Specificity:	AA 1-30, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Phosducin-Like antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	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.
Clone:	RB46970
Isotype:	Ig Fraction
Predicted Reactivity:	B, M, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Phosducin-Like (PDCL)
Alternative Name:	PDCL (PDCL Products)

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Target Details

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.
Molecular Weight:	34282
Gene ID:	5082
UniProt:	Q13371

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:25
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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:	4 °C,-20 °C
Expiry Date:	6 months

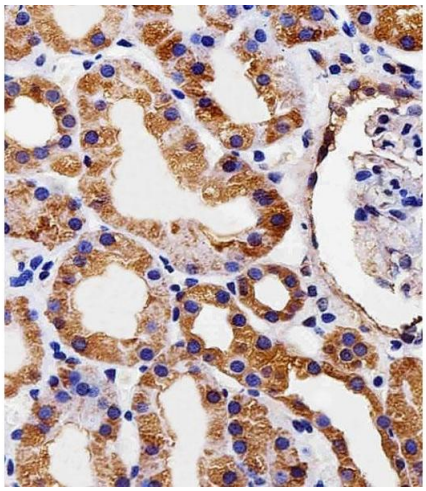
Publications

Product cited in:

Zelinski, Zantek, Stewart, Irizarry, Kinch: "EphA2 overexpression causes tumorigenesis of mammary epithelial cells." in: **Cancer research**, Vol. 61, Issue 5, pp. 2301-6, (2001) (PubMed).

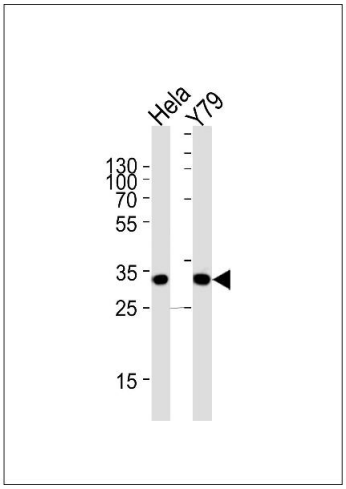
Miao, Burnett, Kinch, Simon, Wang: "Activation of EphA2 kinase suppresses integrin function and causes focal-adhesion-kinase dephosphorylation." in: **Nature cell biology**, Vol. 2, Issue 2, pp. 62-9, (2000) (PubMed).

Lindberg, Hunter: "cDNA cloning and characterization of eck, an epithelial cell receptor protein-tyrosine kinase in the eph/elk family of protein kinases." in: **Molecular and cellular biology**, Vol. 10, Issue 12, pp. 6316-24, (1991) (PubMed).



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemical analysis of paraffin-embedded H.kidney section using PDCL Antibody (N-term) (ABIN1944777 and ABIN2838520). (ABIN1944777 and ABIN2838520) 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.



Western Blotting

Image 2. Western blot analysis of lysates from Hela, Y79 cell line (from left to right), using PDCL Antibody (N-term) (ABIN1944777 and ABIN2838520). (ABIN1944777 and ABIN2838520) was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35 µg per lane.

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