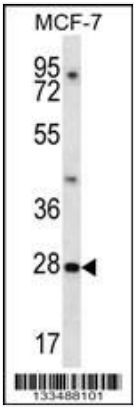
PDCL3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PDCL3, Polyclonal Antibody
Full Product Name	PDCL3, NT (PDCL3, VIAF1, Phosducin-like protein 3, HTPHLP, PhPL3, Viral IAP-associated factor 1) (FITC)
Product Gene Name	anti-PDCL3 antibody
Product Synonym Names	PDCL3; VIAF1; Phosducin-like protein 3; HTPHLP; PhPL3; Viral IAP-associated factor 1
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein Isothiocyanate (FITC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	27,614 Da
OMIM	611678
3D Structure	ModBase 3D Structure for Q9H2J4
Immunogen	PDCL3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 38-68 amino acids from the N-terminal region of human PDCL3.
Conjugate	FITC
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-PDCL3 antibody	Antibodies; Proteins
Applications Tested/Suitable for anti-PDCL3 antibody	Western Blot (WB), FLISA
Application Notes for anti-PDCL3 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-PDCL3 antibody	This gene encodes a member of the phosducin-like protein family and is a putative modulator of heterotrimeric G proteins. The protein shares extensive amino acid sequence homology with phosducin. Members of the phosducin-like protein family have been shown to bind to the beta-gamma subunits of G proteins. [provided by RefSeq].
Product References and Citations for anti-PDCL3 antibody	Stirling, P.C., et al. Mol. Biol. Cell 18(6):2336-2345(2007). Lamesch, P., et al. Genomics 89(3):307-315(2007). Wilkinson, J.C., et al. J. Biol. Chem. 279(49):51091-51099(2004). Lopez, P., et al. J. Biol. Chem. 278(3):1751-1757(2003).

Other Notes	Small volumes of anti-PDCL3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for PDCL3 purchase	MBS6332059 is an antibody targeting PDCL3. Also known as PDCL3, NT (PDCL3, VIAF1, Phosducin-like protein 3, HTPHLP, PhPL3, Viral IAP-associated factor 1) (FITC). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-PDCL3 antibody
PDCL3 Antibody (N-term) western blot analysis in MCF-7 cell line lysates (35ug/lane).This demonstrates the PDCL3 antibody detected the PDCL3 protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PDCL3. It may not necessarily be applicable to this product.

NCBI GI #	13129044
NCBI GeneID	79031
NCBI Accession #	NP_076970.1
UniProt Primary Accession #	Q9H2J4
UniProt Secondary Accession #	Q53S68; B2RA00
UniProt Related Accession #	Q9H2J4
GenBank Nucleotide #	NM_024065.4
NCBI Official Full Name	phosducin-like protein 3
NCBI Official Synonym Full Names	phosducin like 3
NCBI Official Symbol	PDCL3
NCBI Official Synonym Symbols	VIAF; PHLP3; VIAF1; HTPHLP; PHLP2A
UniProt Protein Name	Phosducin-like protein 3
UniProt Synonym Protein Names	HTPHLP; PhPL3; Viral IAP-associated factor 1; VIAF-1
Protein Family	Phosducin-like protein
UniProt Gene Name	PDCL3
UniProt Synonym Gene Names	PhLP2A; VIAF1; VIAF-1
UniProt Entry Name	PDCL3_HUMAN
NCBI Protein Information	phosducin-like protein 3

UniProt Comments for PDCL3	PDCL3: Modulates the activation of caspases during apoptosis. Is a substrate for Orgyia pseudotsugata multicapsid polyhedrosis virus (OpMNPV) IAP-mediated ubiquitination. Belongs to the phosducin family. Protein type: Apoptosis Chromosomal Location of Human Ortholog: 2q11.2 Cellular Component: cytoplasm Molecular Function: protein binding; vascular endothelial growth factor receptor 2 binding Biological Process: positive regulation of angiogenesis; protein folding; viral reproduction; apoptosis; positive regulation of endothelial cell proliferation; angiogenesis; regulation of peptidyl-tyrosine phosphorylation
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