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PDCL3 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant PDCL3.
Catalog # AT3249a

Specification

PDCL3 Antibody (monoclonal) (M01) - Product Information

Application	**WB**
Primary Accession	Q9H2J4
Other Accession	BC001021
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG1 kappa**
Calculated MW	**27614**

PDCL3 Antibody (monoclonal) (M01) - Additional Information

Gene ID 79031

Other Names
Phosducin-like protein 3, HTPHLP, PhPL3, Viral IAP-associated factor 1, VIAF-1, PDCL3, PhLP2A, VIAF1

Target/Specificity
PDCL3 (AAH01021, 1 a.a. ~ 239 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB~~1:500~1000

Format
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions
PDCL3 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

PDCL3 Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot

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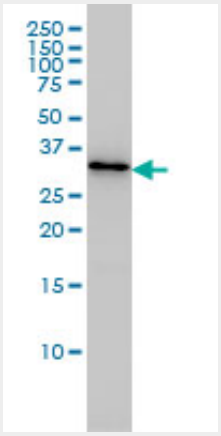
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PDCL3 Antibody (monoclonal) (M01) - Images



PDCL3 monoclonal antibody (M01), clone 1F10 Western Blot analysis of PDCL3 expression in Jurkat (Cat # L017V1).

PDCL3 Antibody (monoclonal) (M01) - Background

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.

PDCL3 Antibody (monoclonal) (M01) - References

Toward a confocal subcellular atlas of the human proteome. Barbe L, et al. Mol Cell Proteomics, 2008 Mar. PMID 18029348.Functional interaction between phosducin-like protein 2 and cytosolic chaperonin is essential for cytoskeletal protein function and cell cycle progression. Stirling PC, et al. Mol Biol Cell, 2007 Jun. PMID 17429077.The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.VIAF, a conserved inhibitor of apoptosis (IAP)-interacting factor that modulates caspase activation. Wilkinson JC, et al. J Biol Chem, 2004 Dec 3. PMID 15371430.Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932.