

Product Datasheet

PLC-gamma 2 Antibody H00005336-D01P

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00005336-D01P**PLC-gamma 2 Antibody****Product Information**

Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH 7.4)

Product Description

Description	Quality control test: Antibody reactive against mammalian transfected lysate.
Host	Rabbit
Gene ID	5336
Gene Symbol	PLCG2
Species	Human
Specificity/Sensitivity	Reacts with phospholipase C, gamma 2 (phosphatidylinositol-specific).
Immunogen	PLCG2 (AAH07565.1, 1 a.a. - 1265 a.a.) full-length human protein. MSTTVNVDSLAEYEKSQLKRALELGTVMVFSFRKSTPERRTVQVIMETRQVA WSKTADKIEGFLDIMEIKEIRPGKNSKDFERAKAVRQKEDCCFTILYGTQFVLST LSLAADSKEDAVNWLSGLKILHQEAMNASTPTIIESWLRKQIYSVDQTRRNSISL RELKTILPLINFKVSSAKFLKDKFVEIGA HKDELSEFQFHLFYKKLMFEQQKSILD EFKKDSSVFILGNTDRPDASAVYLRDFQRFLIHEQQEHWAQDLNKVRERMTKFI DDTMRETAEPFLFVDEFLTYLFSRENSIWDEKYDAVDMQDMNNPLSHYWISS HNTYLTGDQLRSESSPEAYIRCLRMGCRCIELDCWDGPDGKPIYHGWTRTTK IKFDDVVQAIKDHAFTSSFPVILSIEEHCSVEQQRHMAKAFKEVFGDLLLT KPT EASADQLPSPSQLREKIIKHKKLGPRGDVDVNMEDKKDEHKQQGELYMWDSI DQKWTRHYCAIADAKLSFSDDIEQTMEEVEPQDIPPTTELHFGEKWFHKKVEKR TSAEKLLQEYCMETGGKDGTFLVRESETFPNDYTLFWRSGRVQHCRIRSTM EGGTLKYYLTDNLTFSSYALIQHYRETHLRCAEFELRLTDPVPPNPNPHEKSPW YYDSL SRGEAEDMLMRIPRDGAFLIRKREGSDSYAITFRARGKVKHCRINRDGR HFVLGTSAYFESLVELVSYYEKHSLYRKMLRYPVTPPELLERYNMERDINSLYD VSRMYVDPSEINPSMPQRTVKALYDYKAKRSELSFCRGALIHNVSKPEGGW WKGDYGTRIQQYFSPNYVEDISTADFEELKQIIEDNPLGSLCRGILDNLNTYNNV KAPQGKNQKSFVFILEPKQQGYPPVEFATDRVEELFEWFQSIREITWKIDTKEN NMKYWEKNQSI AIELSDLVYCKPTSKTKDNLENPDFREIRSFVETKADSIRQK PVDLLKYNQKGLTRVYPKGQRVDSSNYDPFRLWL CGSQMVALNFQTADKYM QMNHALFSLNGRTGYVLQPESMRTEKYDPMPPESQRKILMTLTVKVLGARHLP KLGRSIACPFVEVEICGA EYDNNKFKTTVVNDNGLSPIWAPTQEKVTFEIDPNL AFLRFVVEEDMFSDPNFLAHATYPIKAVKSGFRSVPLKNGYSEDI ELASLLVFC EMRPVLESEEEELYSSCRQLRRRQEELNNQLFLYDTHQNLNRNANRDALVKEFSV NENQLQLYQEKCNKRLREKRVSNSKFYS
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details

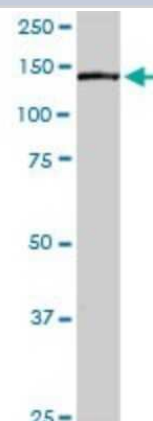
Applications	Western Blot, Proximity Ligation Assay
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Recommended Dilutions	Western Blot, Proximity Ligation Assay
Application Notes	This antibody is reactive against tissue and transfected lysate in WB and as a detection antibody in ELISA.

Images

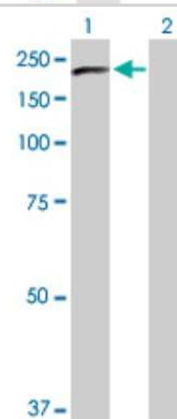
Western Blot: PLC-gamma 2 Antibody [H00005336-D01P] - Analysis of PLCG2 expression in human kidney.



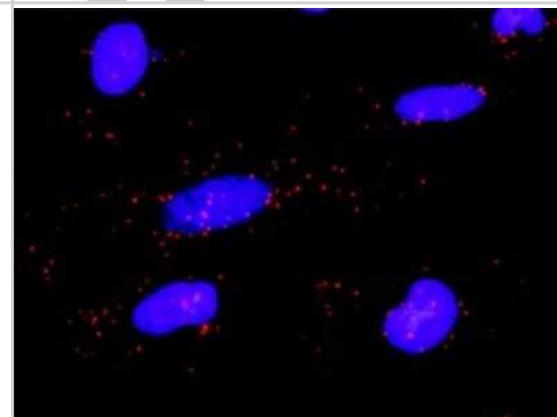
Western Blot: PLC-gamma 2 Antibody [H00005336-D01P] - Analysis of PLCG2 expression in Jurkat.



Western Blot: PLC-gamma 2 Antibody [H00005336-D01P] - Analysis of PLCG2 expression in transfected 293T cell line by PLCG2 polyclonal antibody. Lane 1: PLCG2 transfected lysate (147.90 kDa). Lane 2: Non-transfected lysate.



Proximity Ligation Assay: PLC-gamma 2 Antibody [H00005336-D01P] - Analysis of protein-protein interactions between PLCG2 and PLCG1. HeLa cells were stained with anti-PLCG2 rabbit purified polyclonal 1:1200 and anti-PLCG1 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



Publications

Hsu J, Zhang J, Kitson C et al. Development of a Pharmacodynamic Assay Based on PLC2 Phosphorylation for Quantifying Spleen Tyrosine Kinase (SYK)-Bruton's Tyrosine Kinase (BTK) Signaling. J Biomol Screen 2013-05-23 [PMID: 23704133] (Human)



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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