

Rabbit PLD2 Polyclonal Antibody | anti-PLD2 antibody

Anti-PLD2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA125451	Rabbit	Human, Mouse, Rat	ELISA, Flow Cytometry, Functional Assay, Immunofluorescence, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

PLD2; Polyclonal Antibody; Anti-PLD2 Antibody; Phospholipase D2; PLD 2; hPLD2; Choline phosphatase 2; PLD1C; Phosphatidylcholine-hydrolyzing phospholipase D2; anti-PLD2 antibody

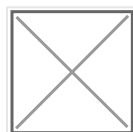
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	922
Applicable Applications for anti-PLD2 antibody	ELISA (Direct ELISA), FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	E Coli-derived human PLD2 recombinant protein (Position: A37-E924).
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen store at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES


WB (Western Blot)

Figure 1. Western blot analysis of PLD2 using anti-PLD2 antibody.


IF (Immunofluorescence)

FCM/FACS (Flow Cytometry)

ADDITIONAL INFORMATION

Related Product Information for anti-PLD2 antibody	Description: Rabbit IgG polyclonal antibody for PLD2 detection. Tested with WB, ICC/IF, FCM, Direct ELISA in Human; Mouse; Rat. Background: Phospholipase D2 is an enzyme that in humans is encoded by the PLD2 gene. It is mapped to 17p13.2. The protein encoded by this gene catalyzes the hydrolysis of phosphatidylcholine to phosphatidic acid and choline. The activity of the encoded enzyme is enhanced by phosphatidylinositol 4,5-bisphosphate and ADP-ribosylation factor-1. This protein localizes to the peripheral membrane and may be involved in cytoskeletal organization, cell cycle control, transcriptional regulation, and/or regulated secretion. Two transcript variants encoding different isoforms have been found for this gene.
References	1. Liscovitch, M., Czarny, M., Fiucci, G., Tang, X. Phospholipase D: molecular and cell biology of a novel gene family. Biochem. J. 345: 401-415, 2000. 2. Lopez, I., Arnold, R. S., Lambeth, J. D. Cloning and initial characterization of a human phospholipase D2 (hPLD2): ADP-ribosylation factor regulated hPLD2. J. Biol. Chem. 273: 12846-12852, 1998. 3. Park, S. H., Ryu, S. H., Suh, P. G., Kim, H. Assignment of human PLD2 to chromosome band 17p13.1 by fluorescence in situ hybridization. Cytogenet. Cell Genet. 82: 225 only, 1998.

NCBI AND UNIPROT INFORMATION

NCBI GI #	340805823
NCBI GeneID	5338
NCBI Accession #	NP_001230037.1
NCBI GenBank Nucleotide #	NP_001230037.1
UniProt Accession #	O14939
NCBI Official Full Name	phospholipase D2 isoform PLD2B
NCBI Official Synonym Full Names	phospholipase D2
NCBI Official Symbol	PLD2
NCBI Official Synonym Symbols	PLD1C
NCBI Protein Information	phospholipase D2
UniProt Protein Name	Phospholipase D2
UniProt Gene Name	PLD2
UniProt Synonym Gene Names	PLD 2; hPLD2
UniProt Entry Name	PLD2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pld2-antibody-direct-elisa-flow-cytometry-immunofluorescence-immunocytochemistry-western-blot-elisa/125451>