

Rabbit PLD2 Polyclonal Antibody | anti-PLD2 antibody

PLD2 Antibody (N-term)

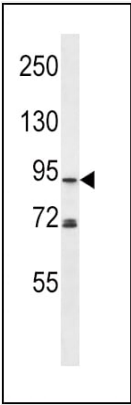
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283681	Rabbit	Human, mouse (Predicted Reactivity: Bovine)	ELISA, Western Blot

PRODUCT SYNONYMS

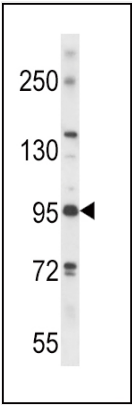
PLD2; Polyclonal Antibody; PLD2 Antibody (N-term); Phospholipase D2; PLD 2; hPLD2; Choline phosphatase 2; PLD1C; Phosphatidylcholine-hydrolyzing phospholipase D2; anti-PLD2 antibody

PRODUCT SPECIFICATIONS

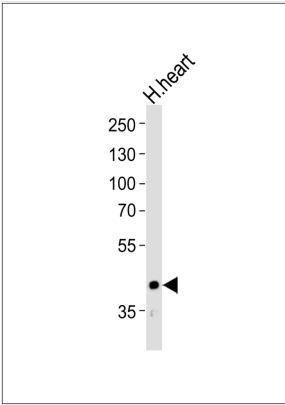
Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PLD2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 10-39 amino acids from the N-terminal region of human PLD2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	10-39
Sequence Length	922
Applicable Applications for anti-PLD2 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
PLD2 Antibody (N-term) western blot analysis in MDA-MB453 cell line lysates (35ug/lane).This demonstrates the PLD2 antibody detected the PLD2 protein (arrow).



WB (Western Blot)
PLD2 Antibody (N-term) western blot analysis in mouse bladder tissue lysates (35ug/lane).This demonstrates the PLD2 antibody detected the PLD2 protein (arrow).



WB (Western Blot)
Western blot analysis of lysate from human heart tissue lysate, using PLD2 Antibody (N-term). AAA283681 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.

ADDITIONAL INFORMATION

Related Product Information for anti-PLD2 antibody	Phosphatidylcholine (PC)-specific phospholipases D (PLDs; EC 3.1.4.4) catalyze the hydrolysis of PC to produce phosphatidic acid and choline. Activation of PC-specific PLDs occurs as a consequence of agonist stimulation of both tyrosine kinase and G protein-coupled receptors. PC-specific PLDs have been proposed to function in regulated secretion, cytoskeletal reorganization, transcriptional regulation, and cell cycle control.[supplied by OMIM].
Product Categories/Family for anti-PLD2 antibody	Cardiovascular; Metabolism; Signal transduction
References	Chae, Y.C., et al. Mol. Cell. Biol. 30(21):5086-5098(2010) Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Knapek, K., et al. Mol. Cell. Biol. 30(18):4492-4506(2010) Tabatabaian, F., et al. J. Biol. Chem. 285(25):18991-19001(2010) Kang, D.W., et al. PLoS ONE 5 (8), E12109 (2010) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	340805823
NCBI GeneID	5338

NCBI Accession #	NP_001230037.1 ; NP_002654.3
NCBI GenBank Nucleotide #	NM_001243108.1
UniProt Accession #	O14939 ; O43540 ; O43579 ; O43580 ; Q6PGR0 ; Q96BY3 ; I3L2C9
Molecular Weight	105987
NCBI Official Full Name	phospholipase D2 isoform PLD2B
NCBI Official Synonym Full Names	phospholipase D2
NCBI Official Symbol	PLD2
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://www.aaabiotech.com/polyclonal/pld2-antibody-western-blot-elisa/283681>