

Rabbit PLD2 Polyclonal Antibody | anti-PLD2 antibody

PLD2 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197506	Rabbit	Cow, Horse, Human, Pig, Rat	Western Blot

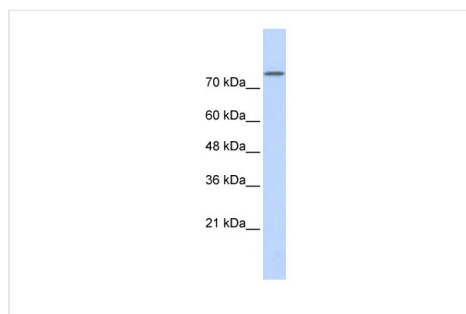
PRODUCT SYNONYMS

PLD2; Polyclonal Antibody; PLD2 antibody - middle region; anti-PLD2 antibody

PRODUCT SPECIFICATIONS

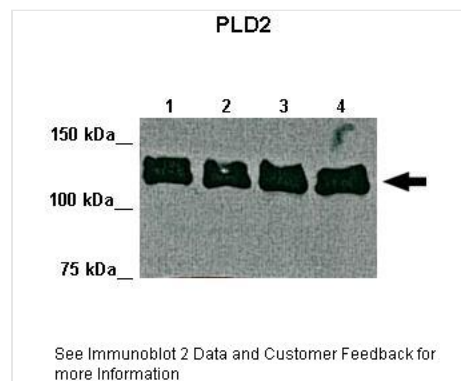
Host	Rabbit
Reactivity	Cow, Horse, Human, Pig, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: DL HYRLDLGDS SESAASQPPT PRPDSPATPD LSHNQFFWLK KDYSNLIT
Sequence Length	933
Applicable Applications for anti-PLD2 antibody	WB (Western Blot)
Homology	Cow: 100%; Horse: 92%; Human: 100%; Pig: 92%; Rat: 92%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PLD2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-PLD2 Antibody Titration: 0.2-1 ug/ml
 ELISA Titer: 1:62500
 Positive Control: Transfected 293T



WB (Western Blot)

Lanes: Lane 1: 22ug mouse liver cell lysate
 Lane 2: 22ug mouse liver cell lysate
 Lane 3: 22ug mouse liver cell lysate
 Lane 4: 22ug mouse liver cell lysate
 Primary Antibody Dilution: 1:1000
 Secondary Antibody: Anti-rabbit-HRP
 Secondary Antibody Dilution: 1:5000
 Gene Name: PLD2
 Submitted by: Chongben Zhang, UNC, Chapel Hill

ADDITIONAL INFORMATION

Related Product Information for anti-PLD2 antibody	This is a rabbit polyclonal antibody against PLD2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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.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]. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-14 AF033850.1 61-74 15-614 BC015033.1 1-600 615-1279 BC056871.1 549-1213 1280-1830 BC015033.1 1266-1816 1831-1995 BC056871.1 1765-1929 1996-3489 BC015033.1 1982-3475
Product Categories/Family for anti-PLD2 antibody	Polyclonal; Lymphocyte Signaling; Meiosis/Mitosis/Cell Cycle; GPCR; Hypoxia

NCBI AND UNIPROT INFORMATION

NCBI GI #	156564407
NCBI GeneID	5338
NCBI Accession #	NP_002654
NCBI GenBank Nucleotide #	NM_002663
UniProt Accession #	O14939
Molecular Weight	106kDa
NCBI Official Full Name	phospholipase D2 isoform PLD2A
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.