

PLD1 Antibody | anti-PLD1 antibody

PLD1 (Phospho-Ser561) Antibody

CATALOG # AAA266980	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry
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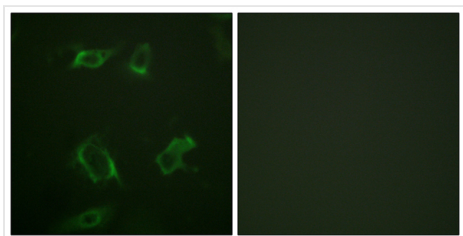
PRODUCT SYNONYMS

PLD1; PLD1 (Phospho-Ser561) Antibody; Choline phosphatase 1; EC 3.1.4.4; Phosphatidylcholine-hydrolyzing phospholipase D1; Phospholipase D1; anti-PLD1 antibody

PRODUCT SPECIFICATIONS

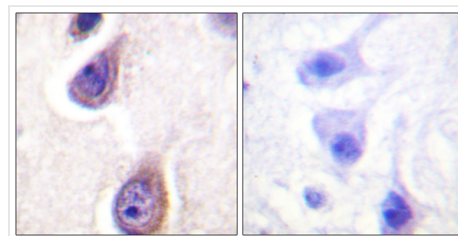
Reactivity	Human, Mouse, Rat
Specificity	PLD1 (Phospho-Ser561) antibody detects endogenous levels of PLD1 only when phosphorylated at serine 561.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	1074
Applicable Applications for anti-PLD1 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human PLD1 around the phosphorylation site of serine 561 (K-F-SP-L-Y).
All Sites	Human: Ser561 Mouse: Ser561 Rat: Ser561
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



IHC (Immunohistochemistry)

P-peptide-+ Immunohistochemistry analysis of paraffin-embedded human brain tissue using PLD1 (Phospho-Ser561) antibody. Immunofluorescence analysis of HepG2 cells, using PLD1 (Phospho-Ser561) antibody.



Application Data

P-peptide-+

ADDITIONAL INFORMATION

Product Categories/Family for anti-PLD1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
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References	Nicholas Lehman, Blood, Nov 2006; 108: 3564-3572. Yoe-Sik Bae, J. Immunol., Apr 2000; 164: 4089. Maria Zeniou-Meyer, J. Biol. Chem., Jul 2007; 282: 21746-21757.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505873
NCBI GeneID	5337
NCBI Accession #	NP_002653.1
NCBI GenBank Nucleotide #	NM_002662.4
UniProt Accession #	Q13393
Molecular Weight	112,184 Da
NCBI Official Full Name	phospholipase D1 isoform a
NCBI Official Synonym Full Names	phospholipase D1
NCBI Official Symbol	PLD1
NCBI Official Synonym Symbols	CVDD
NCBI Protein Information	phospholipase D1
UniProt Protein Name	Phospholipase D1
UniProt Gene Name	PLD1
UniProt Synonym Gene Names	PLD 1; hPLD1

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/human-mouse-rat-antibody/pld1/266980>