

PLD2 Antibody | anti-PLD2 antibody

PLD2 (Phospho-Tyr169) Antibody

CATALOG # AAA110461	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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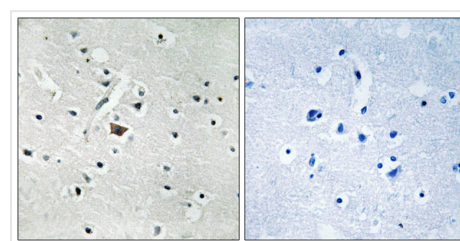
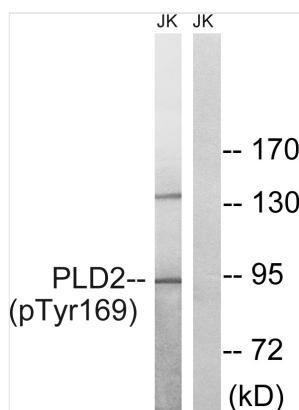
PRODUCT SYNONYMS

PLD2; PLD2 (Phospho-Tyr169) Antibody; choline phosphatase 2; EC 3.1.4.4; phosphatidylcholine-hydrolyzing phospholipase D2; phospholipase D2; PLD 2; PLD1C; anti-PLD2 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	PLD2 (Phospho-Tyr169) antibody detects endogenous levels of PLD2 only when phosphorylated at tyrosine 169.
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	922
Applicable Applications for anti-PLD2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human PLD2 around the phosphorylation site of tyrosine 169 (E-N-YP-L-N).
All Sites	Human: Tyr169 Mouse: Tyr169 Rat: Tyr169
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using PLD2 (Phospho-Tyr169) antibody. Western blot analysis of extracts from Jurkat cells, treated with TNF (20ng/ml, 30mins), using PLD2 (Phospho-Tyr169) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PLD2 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Steed P.M., FASEB J. 12:1309-1317(1998). Lopez I., J. Biol. Chem. 273:12846-12852(1998). Divecha N., EMBO J. 19:5440-5449(2000).

NCBI AND UNIPROT INFORMATION

NCBI GI #	340805823
NCBI GeneID	5338
NCBI Accession #	NP_001230037.1
NCBI GenBank Nucleotide #	NM_001243108.1
UniProt Accession #	O14939; O43540; O43579; O43580; Q6PGR0; Q96BY3; I3L2C9
Molecular Weight	104,657 Da
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

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/human-mouse-rat-antibody/pld2/110461>