

Rabbit PLD2 Polyclonal Antibody | anti-PLD2 antibody

PLD2 (Phospho-Tyr169) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316659	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

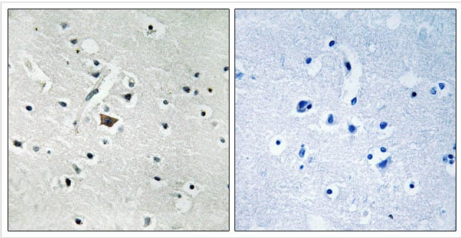
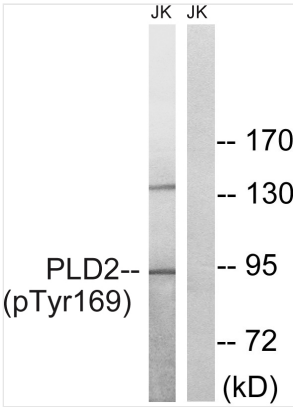
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	PLD2 (Phospho-Tyr169) Antibody detects endogenous levels of PLD2 only when phosphorylated at Tyr169.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	922
Applicable Applications for anti-PLD2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:Y169; M:Y169; R:Y169
Immunogen	The antiserum was produced against synthesized peptide derived from human PLD2 around the phosphorylation site of Tyr169.
Immunogen Range	136-185
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human brain, using PLD2 (Phospho-Tyr169) Antibody. The picture on the right is blocked with the phospho peptide.

WB (Western Blot)
Western blot analysis of lysates from Jurkat cells treated with TNF 20ng/ml 30', using PLD2 (Phospho-Tyr169) Antibody. The lane on the right is blocked with the phospho peptide.

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	105 kDa
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.