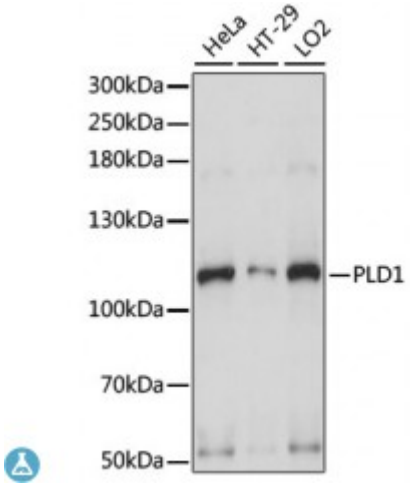
Anti-PLD1 Antibody



Description	This gene encodes a phosphatidylcholine-specific phospholipase which catalyzes the hydrolysis of phosphatidylcholine in order to yield phosphatidic acid and choline. The enzyme may play a role in signal transduction and subcellular trafficking. Alternative splicing results in multiple transcript variants with both catalytic and regulatory properties.

Model	STJ117275
Host	Rabbit
Reactivity	Human
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 875-1036 of human PLD1 (NP_001123553.1).
Gene ID	5337
Gene Symbol	PLD1
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Expressed abundantly in the pancreas and heart and at high levels in brain, placenta, spleen, uterus and small intestine
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Phospholipase D1 PLD 1 hPLD1
Molecular Weight	124.184 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:9067OMIM:212093Reactome:R-HSA-1483148
Alternative Names	Phospholipase D1 PLD 1 hPLD1
Function	Implicated as a critical step in numerous cellular pathways, including signal transduction, membrane trafficking, and the regulation of mitosis, May be involved in the regulation of perinuclear intravesicular membrane traffic ,
Cellular Localization	Cytoplasm, perinuclear region