

Immunotag™ PC-PLD3 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT3621
Product Description	Immunotag™ PC-PLD3 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	PC-PLD3
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	IHC-p,ELISA
Recommended Dilution	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	Synthesized peptide derived from PC-PLD3, at AA range: 300-380
Specificity	PC-PLD3 Polyclonal Antibody detects endogenous levels of PC-PLD3 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	PLD3
Accession No.	Q8IV08 O35405 Q5FVH2
Alternate Names	PLD3; Phospholipase D3; PLD 3; Choline phosphatase 3; HindIII K4L homolog; Hu-K4; Phosphatidylcholine-hydrolyzing phospholipase D3

Antibody Specification

Description	phospholipase D family member 3(PLD3) Homo sapiens This gene encodes a member of the phospholipase D (PLD) family of enzymes that catalyze the hydrolysis of membrane phospholipids. The encoded protein is a single-pass type II membrane protein and contains two PLD phosphodiesterase domains. This protein influences processing of amyloid-beta precursor protein. Mutations in this gene are associated with Alzheimer disease risk. Alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Apr 2014],
Protein Expression	Brain,Colon,Liver,Lung,Mammary gland,
Subcellular Localization	endoplasmic reticulum membrane,integral component of membrane,extracellular exosome,
Protein Function	catalytic activity:A phosphatidylcholine + H(2)O = choline + a phosphatidate.,PTM:Glycosylated.,similarity:Belongs to the phospholipase D family.,similarity:Contains 2 PLD phosphodiesterase domains.,tissue specificity:Widely expressed. Expresses at higher level in brain. Expresses at low level in corpus callosum, suggesting that it is highly expressed in neurons.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.