



Anti-PLD2 (aa 834-933) polyclonal antibody (DPAB-DC2271)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene catalyzes the hydrolysis of phosphatidylcholine to phosphatidic acid and choline. The activity of the encoded enzyme is enhanced by phosphatidylinositol 4,5-bisphosphate and ADP-ribosylation factor-1. This protein localizes to the peripheral membrane and may be involved in cytoskeletal organization, cell cycle control, transcriptional regulation, and/or regulated secretion. Two transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Jul 2011]
Immunogen	PLD2 (AAH15033, 834 a.a. ~ 933 a.a) partial recombinant protein with GST tag. The sequence is LRDPICDDFFQLWQDMAESNANIYEQIFRCLPSNATRLTLREYVAVEPLATVSPPLAR SELTQVQGHLVHFPLKFLEDESLLPPLGSKEGMIPLEVWT
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	PLD2 phospholipase D2 [Homo sapiens (human)]
Official Symbol	PLD2
Synonyms	PLD2; phospholipase D2; PLD1C; hPLD2; choline phosphatase 2; phosphatidylcholine-hydrolyzing phospholipase D2;
Entrez Gene ID	5338
Protein Refseq	NP_001230037
UniProt ID	O14939
Chromosome Location	17p13.1
Pathway	Alpha-synuclein signaling; Arf1 pathway; Arf6 trafficking events; Endocytosis
Function	N-acylphosphatidylethanolamine-specific phospholipase D activity; phosphatidylinositol binding; phospholipase D activity; protein binding