



PLD6 mouse mAb

Catalog No	YP-mAb-11425
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	PLD6
Immunogen	Synthesized peptide derived from human PLD6 AA range: 29-79
Specificity	This antibody detects endogenous levels of PLD6 at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	PLD6
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Mitochondrion outer membrane ; Single-pass membrane protein . Golgi apparatus . Localization in the mitochondrial outer membrane is found in different cell types where phospholipase is the predominant activity, however, in pachytene spermatocytes and spermatids of mouse testes where nuclease activity is predominant, localization is restricted to the Golgi, suggesting this enzyme is localized in different subcellular compartments depending on the role (phospholipase or nuclease) it needs to play in each cell type and developmental stage. .
Tissue Specificity	Predominantly expressed in testis and ovary, but not limited to gonads (at protein level) (PubMed:17028579, PubMed:21397847). It is also found in brain, heart, pituitary gland, prostate, pancreas, thyroid, bone marrow, lung and muscle (PubMed:21397847).
Function	catalytic activity:A phosphatidylcholine + H(2)O = choline + a phosphatidate., similarity:Belongs to the phospholipase D family.,similarity:Contains 1 PLD phosphodiesterase domain.,



Background

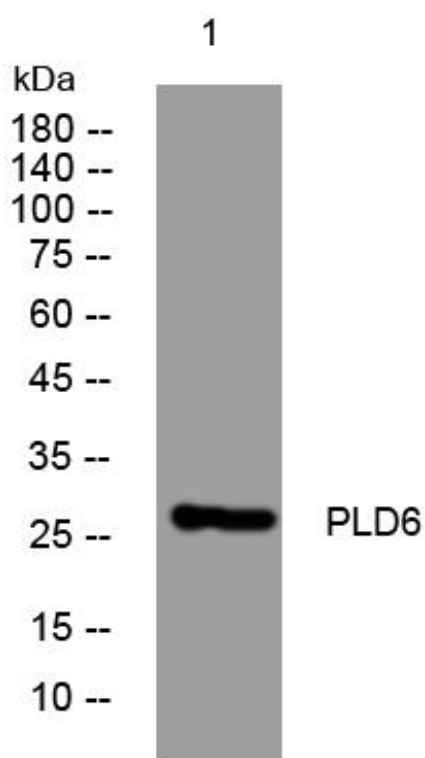
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using PLD6 mouse mAb