



PC-PLD4 Polyclonal Antibody

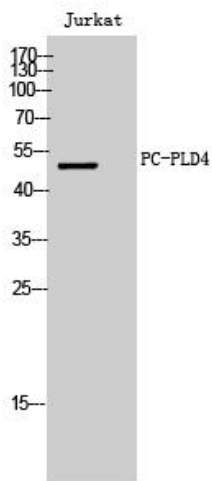
Catalog No	YP-Ab-02738
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC
Gene Name	PLD4
Protein Name	Phospholipase D4
Immunogen	The antiserum was produced against synthesized peptide derived from human PLD4. AA range:457-506
Specificity	PC-PLD4 Polyclonal Antibody detects endogenous levels of PC-PLD4 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000;IHC-p 1:50-300
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	PLD4; C14orf175; Phospholipase D4; PLD 4; Choline phosphatase 4; Phosphatidylcholine-hydrolyzing phospholipase D4
Observed Band	50kD
Cell Pathway	Endoplasmic reticulum membrane ; Single-pass type II membrane protein . Golgi apparatus, trans-Golgi network membrane ; Single-pass type II membrane protein . Nucleus . Early endosome . Cytoplasmic vesicle, phagosome . Activation of microglia induces translocation of PLD4 from the nucleus to the phagosomes. .
Tissue Specificity	B-cell,T-cell,
Function	catalytic activity:A phosphatidylcholine + H(2)O = choline + a phosphatidate.,similarity:Belongs to the phospholipase D family.,similarity:Contains 2 PLD phosphodiesterase domains.,
Background	catalytic activity:A phosphatidylcholine + H(2)O = choline + a phosphatidate.,similarity:Belongs to the phospholipase D family.,similarity:Contains 2 PLD phosphodiesterase domains.,
matters needing attention	Avoid repeated freezing and thawing!



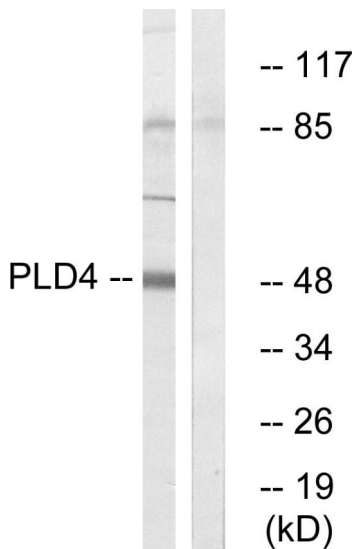
Usage suggestions

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

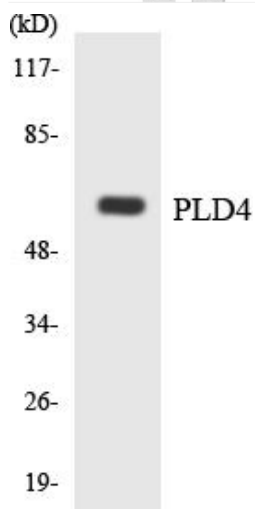
Products Images



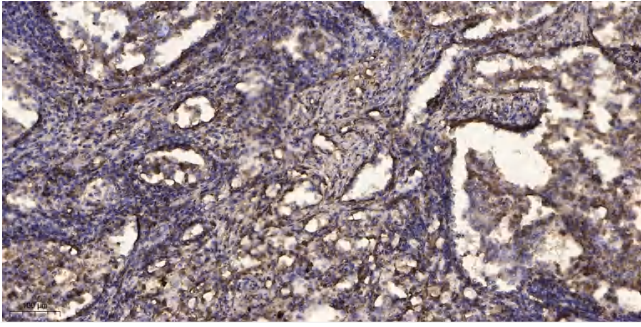
Western Blot analysis of Jurkat cells using PC-PLD4 Polyclonal Antibody



Western blot analysis of lysates from Jurkat cells, using PLD4 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from K562 cells using PLD4 antibody.



Immunohistochemical analysis of paraffin-embedded human Squamous cell carcinoma of lung. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).