



PLD4 Polyclonal Antibody

Catalog No	YP-Ab-10818
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC
Gene Name	PLD4 C14orf175 UNQ2488/PRO5775
Immunogen	Synthesized peptide derived from human PLD4 Polyclonal
Specificity	This antibody detects endogenous levels of PLD4.
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	C14orf175;PLD4;PLD4 C14orf175 UNQ2488/PRO5775;Phospholipase D4 (PLD 4) (EC 3.1.4.4) (Choline phosphatase 4) (Phosphatidylcholine-hydrolyzing phospholipase D4)
Observed Band	55kD
Calculated Molecular Weight	55kD
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.,



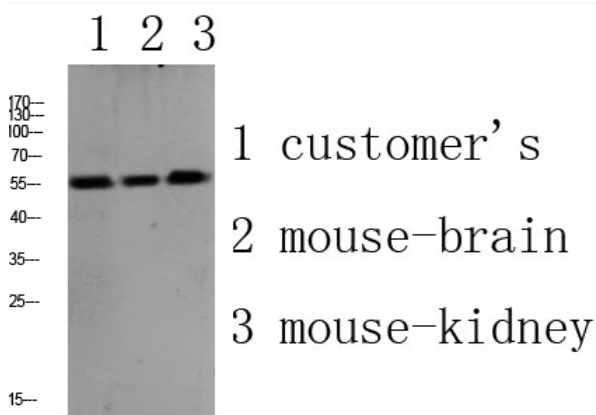
matters needing attention

Avoid repeated freezing and thawing!

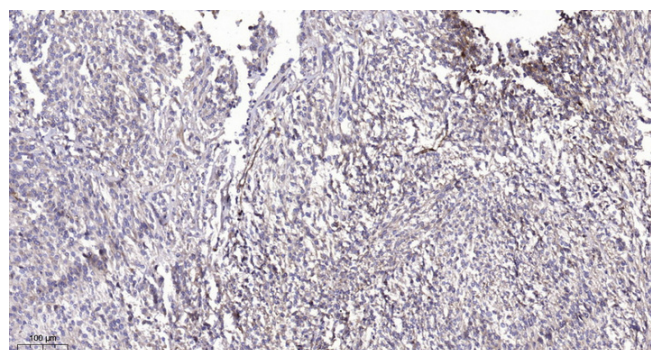
Usage suggestions

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

Products Images



Western blot analysis of various lysate, antibody was diluted at 1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human Colon cancer. 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).