

## PLD4 Rabbit pAb

CatalogNo: YT6153

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB, IHC

#### MW

- 55kD (Observed)

#### Isotype

- IgG

### Recommended Dilution Ratios

WB 1:500-2000

IHC 1:50-300

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized peptide derived from human PLD4 Polyclonal

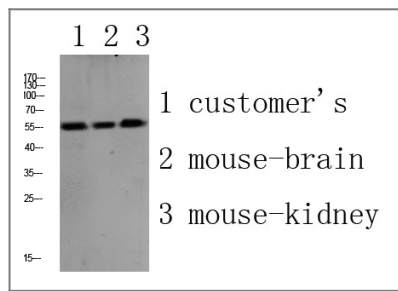
**Specificity** This antibody detects endogenous levels of PLD4.

### Target Information

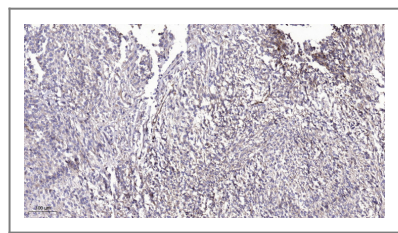
**Gene name** PLD4 C14orf175 UNQ2488/PRO5775

<b>Protein Name</b>	Phospholipase D4 (PLD 4) (Choline phosphatase 4) (Phosphatidylcholine-hydrolyzing phospholipase D4)		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">122618</a> ;	<a href="#">Q96BZ4</a> ;
	Mouse	<a href="#">104759</a> ;	<a href="#">Q8BG07</a> ;
<b>Cellular Localization</b>	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. .		
<b>Tissue specificity</b>	B-cell,T-cell,		
<b>Function</b>	Catalytic activity:A phosphatidylcholine + H(2)O = choline + a phosphatidate.,similarity:Belongs to the phospholipase D family.,similarity:Contains 2 PLD phosphodiesterase domains.,		

Validation Data



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).

Contact information

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