

PLDN Rabbit pAb

CatalogNo: YN5795

Key Features

Host Species

- Rabbit

Reactivity

- Human

Applications

- WB

MW

- 19kD (Calculated)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

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 PLDN

Specificity This antibody detects endogenous levels of PLDN at Human

Target Information

Gene name PLDN PA

Protein Name	Pallidin (Pallid protein homolog) (Syntaxin 13-interacting protein)		
	Organism	Gene ID	UniProt ID
	Human	26258;	Q9UL45;
Cellular Localization	Cytoplasm . Membrane ; Peripheral membrane protein . It can exist as a soluble protein as well as a peripheral membrane protein (PubMed:12019270). .		
Tissue specificity	Widely expressed.		
Function	Component of the BLOC-1 complex, a complex that is required for normal biogenesis of lysosome-related organelles (LRO), such as platelet dense granules and melanosomes. In concert with the AP-3 complex, the BLOC-1 complex is required to target membrane protein cargos into vesicles assembled at cell bodies for delivery into neurites and nerve terminals. The BLOC-1 complex, in association with SNARE proteins, is also proposed to be involved in neurite extension. May play a role in intracellular vesicle trafficking, particularly in the vesicle-docking and fusion process.		

| Validation Data

| Contact information

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PLDN Rabbit pAb

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