

PLDN antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI13706

Product Information

Application	WB
Primary Accession	Q9UL45
Other Accession	NM_012388 , NP_036520
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Goat, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Pig, Chicken, Goat, Dog, Guinea Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	19744

Additional Information

Gene ID	26258
Alias Symbol	PA, PALLID, HPS9, PLDN
Other Names	Biogenesis of lysosome-related organelles complex 1 subunit 6, BLOC-1 subunit 6, Pallid protein homolog, Pallidin, Syntaxin 13-interacting protein, BLOC1S6, PA, PLDN
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-PLDN antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	PLDN antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	BLOC1S6
Synonyms	PA, PLDN
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.

Cellular Location

Cytoplasm. Membrane; Peripheral membrane protein. Note=It can exist as a soluble protein as well as a peripheral membrane protein (PubMed:12019270)

Tissue Location

Widely expressed.

References

Huang L.,et al.Nat. Genet. 23:329-332(1999).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Falcon-Perez J.M.,et al.Pigment Cell Res. 15:82-86(2002).
Moriyama K.,et al.Traffic 3:666-677(2002).
Falcon-Perez J.M.,et al.J. Biol. Chem. 277:28191-28199(2002).

Images



WB Suggested Anti-PLDN Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:12500
Positive Control: Jurkat cell lysate

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.