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## Datasheet for ABIN7145610 anti-Pallidin antibody (AA 1-170)

3 Images



### Overview

Quantity:	100 µL
Target:	Pallidin (PLDN)
Binding Specificity:	AA 1-170
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Pallidin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunoprecipitation (IP)

## Product Details

Immunogen:	Recombinant Human Biogenesis of lysosome-related organelles complex 1 subunit 6 protein (1-170AA)
Isotype:	lgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

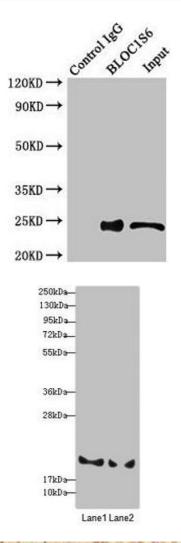
## Target Details

Target:	Pallidin (PLDN)
Alternative Name:	BLOC1S6 (PLDN Products)
Background:	Background: Component of the BLOC-1 complex, a complex that is required for normal

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## Target Details

	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.
	Aliases: Bloc1s6 antibody, iogenesis of lysosome-related organelles complex 1 subunit 6
	antibody, PA antibody, Pallid (mouse) homolog antibody, PALLID antibody, Pallid protein
	antibody, Pallid protein homolog antibody, Pallidin antibody, Pallidin homolog (mouse) antibody,
	PLDN antibody, PLDN_HUMAN antibody, Syntaxin 13 binding protein antibody, Syntaxin 13-
	interacting protein antibody
UniProt:	Q9UL45
Pathways:	Synaptic Vesicle Exocytosis
Application Details	
Application Notes:	Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200, IP:1:200-1:2000,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

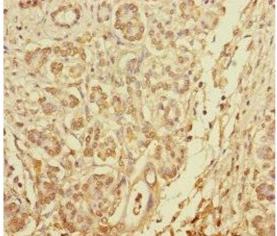


#### Western Blotting

**Image 1.** Immunoprecipitating BLOC1S6 in HEK293 whole cell lysate Lane 1: Rabbit control IgG instead of  $(1 \mu g)$  instead of ABIN7145610 in HEK293 whole cell lysate. For western blotting, a HRP-conjugated anti-rabbit IgG, specific to the non-reduced form of IgG was used as the Secondary antibody (1/50000) Lane 2: ABIN7145610 (4  $\mu g$ ) + HEK293 whole cell lysate (500  $\mu g$ ) Lane 3: HEK293 whole cell lysate (20  $\mu g$ )

#### **Western Blotting**

**Image 2.** Western blot All lanes: BLOC1S6 antibody at 3.33 µg/mL Lane 1: A431 whole cell lysate Lane 2: 293T whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 20, 9 kDa Observed band size: 20 kDa



#### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded human pancreatic cancer using ABIN7145610 at dilution of 1:100

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